

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
ALABAMA, North Central									
Cullman County Holly Pond	07	0915CST			?	?	5K	?	Wind
Strong wind removed the roofs two chicken houses in the Holly Pond area of eastern Cullman County and downed several trees in the Berlin area 1.5 miles east of Cullman. Wind was not believed associated with any thunderstorms.									
Jefferson County Birmingham	07	1200CST			?	?	?	?	Flood
Village Creek at Avenue W in Ensley crested at 10.31 feet at 1200 CST on the 7th. Flood stage is 10 feet. The minor flooding was caused by heavy rainfall on the 6th and 7th.									
Jackson County Woodville	09				?	?	?	?	Flood
The Paint Rock River at Woodville crested at 16.05 feet on the 9th, a little more than six feet above flood stage of 12 feet. The river actually was above flood stage from the 8th through the 11th. Little impact was experienced from this flooding. The flooding resulted from heavy rainfall on the 6th and 7th.									
Colbert County West Portion	11	0350CST			?	?	20K	?	Thunderstorm Winds
Trees were reported blown down in the western portion of Colbert County.									
Franklin County Phil Campbell Belgreen	11	0350CST			?	?	15K	?	Thunderstorm Winds
Trees were blown down in the central and southeast sectionsof Franklin County. A number of power outages were also reported.									
Tallapoosa County Dadeville	11	0630CST			?	?	12K	?	Thunderstorm Winds
Wind with a thunderstorm downed trees and power lines in the city of Dadeville.									
Lawrence, Morgan Counties	11	0730CST- 0900CST			?	?	20K	?	High Winds
Several trees were downed by high wind following the passage of a cold front through the area. Numerous areas were without power for several hours due to downed lines.									
Jefferson County Birmingham	11	1000CST			?	?	35K	?	High Winds
High wind following the passage of a cold front downed several trees and caused power outages to about 13,000 people in Jefferson County. Time is approximate since the gusty wind lasted for a couple of hours. The official observations at the Birmingham airport indicated a wind gust from the northwest at 45 knots (52 mph) at 09:06 CST.									
Tuscaloosa County Tuscaloosa	11	1030CST			?	?	8K	?	High Winds
High wind coming after a strong cold front moved through Alabama caused gusty wind that damage the roof of a drive-in bank in Tuscaloosa.									
Etowah County Gadsden	11	1030CST			?	?	25K	?	High Winds
High wind following the passage of a cold front through Alabama toppled the steeple on a church in Gadsden. The Emergency Management office in Gadsden recorded a wind gust to 60 mph.									
Talladega County Talladega	11	unknown			?	?	?	?	High Winds
Wind toppled a very large and old tree at the Kymulga Grist Mill Park in Talladega. The tree was believed to be the oldest tree in the park, possibly one of the oldest in the state. Foresters had estimated the tree at between 200 and 300-years-old and was a great source of pride for local citizens and tourists. The tree measured six feet in diameter and was about 100-feet tall. Exact time of tree toppling was not known.									
ALABAMA, Southeast									
Henry County Haleburg	07	1205CST	.1	40	0	0	0	.5K	Tornado (F0)
A tornado downed about 30 trees blocking County Roads 65 and 97.									
Geneva County Hartford	11	0852CST			0	0	1K	0	Thunderstorm Winds
Hartford Police Department reported trees and power lines blown down.									
Houston County 5 W Dothan	11	0900CST	.1	.4	0	0	5K	0	Tornado (F0)
A small tornado downed trees and power lines and overturned a travel trailer.									
ALABAMA, Southwest									
Baldwin County Foley and Gulf Shores	01	1930CST- 2300CST			0	0	3K	0	Flash Flooding
Heavy rains of five to 10 inches caused several roads in the Foley area to flood. Woerner road and county roads 12 and 87									
ALABAMA, Southwest Cont'd									
were closed for a short periodof time due to high water. Fort Morgan Road and State Highway's 59 and 182 in the Gulf Shores area were flooded due to heavy rains.									
Washington County Chatom	02	0945CST			0	0	2K	0	Thunderstorm Winds
Trees and power lines were blown down west of Chatom.									

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ALZ051-052-053-059- 061-062-063-064 Southwest Alabama	11	0500CST- 0930CST			0	0	50K 0	Thunderstorm Winds
Early Saturday morning a squall line moved into Southwest Alabama from Southeast Mississippi. The squall line split over Southeast Mississippi around 0700. The northern part of the line started weakening as it moved through Washington County and into Clarke County. The southern part of the line then intensified across Mobile and Baldwin Counties as it moved east. Widespread straight line wind damage was observed throughout the area. Most of the damage was from trees and power lines being blown down. In some instances the trees fell onto some homes causing damage. Following are some of the damage reports received:								
Trees and power lines down along U S Highway 84 five miles west of Bolinger (Choctaw County). Trees and power lines were blown down along U S Highway 84 east of Bolinger (Choctaw County). The most obvious damage was across Washington County. Trees and power lines were blown down mostly along State Highway 56 between State Line Mississippi and Chatom and along County Road 34 between Leroy and St Stephens. Near St Stephens a tree blew across Highway 34 and damaged a vehicle. Trees and power lines were blown down near Coffeeville (Clarke County). Trees and power lines were blown down on Dauphin Island. A service station awning was also damaged (Mobile County). An awning and sign were blown from a building in southwest Mobile. Trees and power lines were blown down near Elsanor (east of Robertsedale on U S Highway 90 in Baldwin County). Trees and power lines were blown down in Brewton (Escambia County). Wind gusts to 60 mph were reported in Gulf Shores and Orange Beach (Baldwin County). Trees and power lines were blown down in Andalusia (Covington County).								
Mobile County Mobile	11	0700CST			0	0	200K 0	Lightning
Lightning struck a house under construction in west Mobile. The home was almost completely destroyed. The loss was estimated to be \$200 thousand.								
ARIZONA								
Maricopa County 10 NW Phoenix	01	2100MST			0	1	0 0	Lightning
In Glendale, a Salt River Project utility worker received a minor shock when lightning struck about 150 feet away from his pickup. He was treated at the scene and released.								
AZZ014- St. Johns	26	1211MST			0	0	0 0	High Winds
	26	1245MST			0	0	0 0	High Winds
Strong gradient winds associated with a cold front produced peak wind gusts to 75 mph and 86 mph at St. Johns Airport.								
ARKANSAS, Central and North Central								
Pike County 3 N Murfreesboro	01	2250CST			0	0	0 0	Hail (1.00)
Boone County Omaha	10	1905CST			0	0	0 0	Hail (1.00)
Omaha	10	1907CST			0	0	0 0	Hail (1.00)
Valley Springs	10	2010CST			0	0	0 0	Hail (0.75)
Valley Springs	10	2010CST			0	0	? 0	Thunderstorm Winds
Thunderstorm winds knocked down some large tree limbs.								
Franklin County Cass	10	1930CST			0	0	0 0	Hail (0.75)
Cass	10	1930CST			0	0	? 0	Thunderstorm Winds
Thunderstorm winds downed some large tree limbs.								
Newton County Deer	10	2005CST			0	0	0 0	Hail (0.75)
Deer	10	2005CST			0	0	? 0	Thunderstorm Winds
A garage was damaged by fallen trees.								
Marion County Bull Shoals	10	2015CST			0	0	? 0	Thunderstorm Winds
Several boats were blown away from a dock and some were damaged by thunderstorm winds.								
Flippin	10	2019CST			0	0	0 0	Hail (1.00)
Johnson County Piney	10	2030CST			0	0	? 0	Thunderstorm Winds
Thunderstorm winds downed several trees.								
ARKANSAS, Central and North Central Cont'd								
Baxter County Midway	10	2045CST			0	0	? 0	Thunderstorm Winds
A few large limbs were blown down.								
Gamaliel	10	2105CST			0	0	? 0	Thunderstorm Winds
A boat dock was damaged when a large cable snapped and fell on it.								
Scott County Blue Ball	10	2055CST			0	0	? 0	Thunderstorm Winds
A large tree was blown down onto a house.								
Polk County								

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Acorn	10	2100CST			0 0	0 0	Hail (0.75)
Acorn	10	2100CST			0 0	? 0	Thunderstorm Winds
Tin roofs were blown off several chicken houses.							
Montgomery County	10	2110CST			0 0	0 0	Hail (0.88)
Story	10	2110CST			0 0	? 0	Thunderstorm Winds
Thunderstorm winds downed a few trees.							
6 W Mount Ida	10	2120CST			0 0	? 0	Thunderstorm Winds
Thunderstorm winds blew the roof off a chicken house.							
Fulton County	10	2120CST			0 0	0 0	Hail (0.75)
Sturkie							
Pope County	10	2120CST			0 0	? 0	Thunderstorm Winds
Atkins							
Trees were blown down onto several houses and cars.							
Yell County	10	2125CST			0 0	0 0	Hail (0.75)
Rover	10	2140CST			0 0	? 0	Thunderstorm Winds
Plainview							
Several trees were blown down. One tree fell on a vehicle.							
Conway County	10	2140CST			0 0	? 0	Thunderstorm Winds
7 N Morrilton							
Thunderstorm winds destroyed several barns and knocked down some trees.							
Center Ridge	10	2155CST			0 0	? 0	Thunderstorm Winds
A roof was blown off a house.							
Birdtown	10	2155CST			0 0	? 0	Thunderstorm Winds
Thunderstorm winds overturned a truck.							
Garland County	10	2145CST			0 0	? 0	Thunderstorm Winds
Hot Springs							
Several trees were blown down, resulting in power outages.							
Pulaski County	10	2145CST			0 0	? 0	Thunderstorm Winds
2 N Morgan							
Several trees were blown down.							
7 N North	10	2152CST			0 0	0 0	Hail (0.75)
Little Rock							
7 N North	10	2155CST			0 0	0 0	Hail (0.75)
Little Rock	10	2225CST			0 0	0 0	Thunderstorm Winds (G61)
Little Rock	10	2226CST			0 0	0 0	Thunderstorm Winds (G57)
Jacksonville							
Winds gusted to 66 mph at the Little Rock Air Force Base.							
Little Rock	10	2228CST			0 0	0 0	Hail (0.75)
Jacksonville	10	2229CST			0 0	0 0	Thunderstorm Winds (G52)
Little Rock	10	2230CST			0 0	0 0	Hail (0.75)
Jacksonville	10	2233CST			0 0	0 0	Thunderstorm Winds (G52)
Little Rock	10	2235CST			0 0	0 0	Thunderstorm Winds (G52)
Little Rock	10	2253CST			0 0	0 0	Hail (1.00)
Scott	10	2255CST			0 0	0 0	Hail (0.75)
Little Rock	10	2256CST			0 0	0 0	Thunderstorm Winds (G52)
Little Rock	10	2325CST			0 0	0 0	Thunderstorm Winds (G52)
Fulton County	10	2150CST			0 0	? 0	Thunderstorm Winds
Mammoth Spring							
Several large limbs were blown down.							
Van Buren County	10	2155CST			0 0	? 0	Thunderstorm Winds
12 W Scotland							
Several trees were blown down.							
ARKANSAS, Central and North Central Cont'd							
Clinton	10	2200CST			0 0	? 0	Thunderstorm Winds
Thunderstorm winds knocked down a few trees.							
Saline County	10	2200CST			0 0	? 0	Thunderstorm Winds
Paron							
Thunderstorm winds knocked down several trees.							
Bryant	10	2225CST			0 0	0 0	Hail (0.75)
Bryant	10	2235CST			0 0	0 0	Thunderstorm Winds (G61)
2 E Bryant	10	2240CST			0 0	0 0	Hail (0.75)
East End	10	2250CST			0 0	0 0	Thunderstorm Winds (G52)
2 NE Bryant	10	2258CST			0 0	0 0	Thunderstorm Winds (G61)
East End	10	2305CST			0 0	0 0	Hail (1.75)
East End	10	2305CST			0 0	? 0	Thunderstorm Winds
Several trees were blown down.							
Sharp County	10	2200CST			0 0	0 0	Hail (0.75)
Hardy							

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					Killed	Injured	Property		
Faulkner County Conway	10	2200CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds damaged a building at the airport in Conway.								
3 E Mayflower	10	2210CST			0	0	?	0	Thunderstorm Winds (G61)
	Winds up to 70 mph blew a car off a road three miles east of Mayflower.								
Perry County 5 SE Perryville	10	2210CST			0	0	?	0	Thunderstorm Winds
	Some trees were blown down.								
Cleburne County 2 W Heber Springs	10	2235CST			0	0	?	0	Thunderstorm Winds
	Several trees were blown down.								
White County 2 W Searcy	10	2245CST			0	0	0	0	Hail (1.75)
2 W Searcy	10	2245CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds downed some large tree limbs.								
Lonoke County Keo	10	2255CST			0	0	0	0	Hail (0.88)
Lonoke	10	2310CST			0	0	0	0	Hail (0.88)
15 S Lonoke	10	2320CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds knocked over a cotton trailer and downed some trees.								
Prairie County Woodruff County 4 NNW Des Arc to 3 SW McClelland	10	2302CST- 2312CST	8.5	100	2	1	?	0	Tornado (F2)
	The tornado first touched down in an open field four miles NNW of Des Arc. It then moved northeastward destroying a barn, taking a roof off a house, taking part of a roof off another house, overturning a large combine, and blowing down trees and power lines. The tornado then struck a frame house, completely destroying it and spreading the remains of the house across a field. Two people in the house were blown about 250 yards into the field and killed. An infant in the house was carried about 300 yards into the field and was injured. Two pick-up trucks at the home were overturned and blown into the field. Numerous trees were also blown down along the path of the tornado. The tornado weakened as it neared the White River and crossed into Woodruff County around 2308 CST. The tornado lifted shortly after crossing into Woodruff County. M26PH, F36PH								
Jackson County 10 S Newport	10	2330CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds downed some trees.								
Prairie County 2 W Ulm	10	2340CST- 2342CST	1	50	0	0	?	0	Tornado (F1)
	A tornado touched down briefly, taking the roof off a house, overturning a truck, damaging a barn and farm shed, and moving two other trucks.								
Jefferson County Pine Bluff	10	2340CST			0	0	?	0	Thunderstorm Winds
	Some trees and power lines were blown down.								
Sherrill	10	2340CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds blew down several trees.								
Arkansas County Stuttgart	10	2344CST			0	0	0	0	Thunderstorm Winds (G61)
Calhoun County Thornton	10	2350CST			0	0	?	0	Thunderstorm Winds
	Some large tree limbs were knocked down.								
ARKANSAS, Central and North Central Cont'd									
Ouachita County 3 S Camden	10	2355CST			0	0	0	0	Thunderstorm Winds
	Thunderstorm winds downed a tree onto Highway 376.								
Dallas County Fordyce	10	2355CST			0	0	?	0	Thunderstorm Winds
	Several trees were blown down.								
Monroe County Clarendon	11	0010CST			0	0	0	0	Hail (0.88)
Clarendon	11	0010CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds downed some large tree limbs.								
Cleveland County Rison	11	0020CST			0	0	?	0	Thunderstorm Winds
	Trees and power lines were downed.								
Lincoln County Star City	11	0025CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds caused some roof damage to several buildings.								
Arkansas County Crocketts Bluff	11	0030CST			0	0	?	0	Thunderstorm Winds
	Thunderstorm winds blew a tree onto a mobile home.								
Drew County									

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7 W Monticello	11	0035CST			0	0	? 0	Thunderstorm Winds
Thunderstorm winds damaged several roofs and blew down some trees.								
Bradley County 2.5 N Warren	11	0049CST			0	0	? 0	Thunderstorm Winds
Thunderstorm winds blew down some trees.								
Desha County 8 NE Dumas	11	0115CST			0	0	? 0	Thunderstorm Winds
Thunderstorm winds damaged several roofs and destroyed a shed.								
ARKANSAS, Northwestern								
Benton County Siloam Springs	10	1725CST			0	0	? ?	Hail (0.88)
Siloam Springs	10	1730CST			0	0	? ?	Hail (1.25)
8 E Siloam Springs	10	1740CST			0	0	? ?	Hail (1.75)
Gateway	10	1745CST			0	0	? ?	Hail (0.75)
Washington County Tontitown	10	1745CST			0	0	? ?	Hail (1.75)
Prairie Grove	10	1809CST			0	0	? ?	Hail (1.75)
Carroll County Berryville	10	1830CST			0	0	? ?	Hail (1.50)
Crawford County Van Buren	10	1855CST			0	0	? ?	Thunderstorm Winds (G52) Hail (0.75)
Madison County Huntsville	10	1856CST			0	0	? ?	Hail (1.00)
6 N St. Paul	10	1915CST			0	0	? ?	Hail (0.75)
Severe thunderstorms moved across northwest Arkansas during the late afternoon and early evening of November 10th. Thunderstorm winds gusted to 60 mph in Van Buren, and golf ball-size hail fell eight miles east of Siloam Springs, at Tontitown, and at Prairie Grove. Pea to slightly smaller than golf ball-size hail fell at Berryville, hail up to half-dollar size fell at Siloam Springs, and dime to quarter-size hail fell at several other locations in northwest Arkansas.								
ARKANSAS, Eastern								
Randolph County Northern Part	10	2230CST			0	0	5K 0	Thunderstorm Winds
Several power poles and large trees were blown down.								
Lawrence County Northern Part	10	2235CST			0	0	2K 0	Thunderstorm Winds
A few trees were knocked down.								
Craighead County Monette	10	2345CST			0	0	.01M 0	Thunderstorm Winds
A storage building was blown down.								
Poinsett County Lake Poinsett	11	0015CST			0	0	2K 0	Thunderstorm Winds
A large tree was uprooted at Lake Poinsett State Park. Several other tree limbs and branches were knocked down as well.								
ARKANSAS, Eastern Cont'd								
Phillips County Turner	11	0025CST			0	0	.01M 0	Thunderstorm Winds
A mobile home was blown down.								
Cross County Wynne	11	0030CST			0	0	2K 0	Thunderstorm Winds
A few power lines were knocked down.								
Phillips County Lakeview	11	0038CST	0.9	50	0	0	0.3M 0	Tornado (F1)
A tornado touched down along a road in Lakeview. Three homes, two of which were brick, were heavily damaged. One mobile home was destroyed. Another mobile home was moved off its foundation. Three to four other homes received minor damage. Numerous trees had twisted and broken limbs with pieces of tin roofing and other debris hanging from the trees and power lines. Two large trees were uprooted and moved 25 feet. One of the trees had a field disk entangled in it.								
Lee County Southern Part	11	0045CST			0	0	5K 0	Thunderstorm Winds
Several trees and power lines were blown down.								
St. Francis County Forrest City	11	0045CST			0	0	5K 0	Thunderstorm Winds
Several trees were knocked down. One tree fell onto a house.								
Crittenden County Marion	11	0115CST			0	0	5K 0	Thunderstorm Winds
A few signs were blown down.								
ARKANSAS, Southeast								
Ashley County Wilmont	11	0115CST			0	0	0 0	Hail (0.75)
Chicot County 10 W Eudora	11	0145CST	2.0	100	0	2	30K 0	Tornado (F1)

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Two mobile home trailers were totally destroyed in the small community of Empire. Two people were injured. One of the injuries was to a man that had been thrown 40 yard away from his mobile home and was critically injured. Several automobiles were damaged and several trees were blown down.								
ARKANSAS, Southwest								
Sevier County 5 SW Lockesburg	01	2210CST			0	0	0	0
Howard County 2 W Corinth	01	2231CST			0	0	0	0
								Thunderstorm Winds
Union County Junction City	02	0112CST			0	0	0	0
								Thunderstorm Winds
Sevier County De Queen	10	2127CST			0	0	0	0
								Thunderstorm Winds (G60)
Howard County Nashville	10	2220CST			0	0	0	0
Nashville	10	2220CST			0	0	0	0
								Thunderstorm Winds (G50)
Hempstead County Hope	10	2244CST			0	0	0	0
Lafayette County Stamps	10	2330CST			0	0	0	0
								Thunderstorm Winds (G60)
Miller County Texarkana	10	2330CST			0	0	0	0
								Thunderstorm Winds (G60)
Nevada County 5 S Prescott	10	2330CST			0	0	0	0
								Thunderstorm Winds (G60)
Union County	11	0000CST			0	0	0	0
								Thunderstorm Winds
Columbia County Waldo	11	0015CST			0	0	0	0
								Thunderstorm Winds (G60)
Union County 7 S El Dorado	11	0030CST			0	0	0	0
								Hail (1.75)
CALIFORNIA, Northwest								
Northwest CA CA Zone 1	13 14	1900PST- 0900PST			0	0	0	0
								Dense Fog
								Dense fog formed along the North Coast and moved into coastal valleys. Widespread visibilities of less than one-quarter mile with areas of near zero.
CALIFORNIA, South Central								
Kern County Mojave Airport	09	1500PST			0	0	0	0
								Winds
								After a weak frontal passage in Central California very localized high wind occurred in the Mojave area. Prevailing wind was only northwest at 30 to 45 mph but at a raised anemometer height of 30m wind gusts reached 60Kts. This area is known for its funneling of wind reaching speeds greater than the general surrounding desert. Event covered with special weather statement at 1505 PST.
CALIFORNIA, Western								
None reported.								
CALIFORNIA, West South Central								
San Diego County 10 N Oceanside	25	0650PST			0	30	?	0
								Dense Fog
								A chain reaction accident resulted when a motorist stopped, in dense fog, on Interstate 5, to help victims of a roll over. The ensuing 100 vehicle pileup injured 30 people and closed this major north-south artery for four and one half hours.
San Diego County University City	25	0715PST			0	15	?	0
								Dense Fog
								Dense fog and excessive speed resulted in a chain reaction accident on Interstate 805. The ensuing 40 car pileup injured 5 people and closed all northbound lanes for three and one half hours.
CAZ012 Intermediate Valley	27	0500PST- 1600PST			0	0	?	0
								High Winds
								High pressure over the great basin coupled with strong winds in the upper atmosphere produced gusty offshore winds. In extreme southwestern San Bernardino County, power lines were blown down, touching off two fires. One blackened 110 acres and set off two blasts near a Chino Hills explosive factory, the other burned 130 acres in North San Bernardino, forcing the evacuation of the California State University Campus there.

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COLORADO, Eastern									
	None reported.								
COLORADO, Central									
COZ034>036-038 Northern Mountains Front Range Foothills									
	01-02	0600MST-0600MST			1	?	?	0	Heavy Snow
A winter storm moved into Northern Colorado and dropped between five and eight inches of new snow in portions of the Northern Mountains and Front Range Foothills. The exception was at Golden Gate Canyon, located in the foothills northwest of Denver, where a foot of new snow was observed. Icy roads, fog and blowing snow, along Interstate 70 in the foothills west of Denver, resulted in dozens of accidents. Oneman was killed when he lost control of his vehicle and was ejected when his truck hit a median and rolled over. At least 20 other accidents involved minor injuries.									
COZ034 Northern Mountains									
	06-07	Overnight			0	0	0	0	Heavy Snow
Eight to 10 inches of snow fell overnight near the Eisenhower Tunnel.									
COZ035-036-039-046- Front Range Foothills East Central Plains									
	09	0400MST-1300MST			0	0	?	?	High Winds
Downslope winds with peaks gusts from 50 to 57 kts were recorded at Erie, Boulder, and Longmont. In addition, strong winds downed some powerlines which sparked a wildfire in Southeastern Lincoln County near Boyero. Approximately 10 thousand acres were burned.									
COZ015-033>036 Northern Mountains Front Range Foothills									
	09-10	0500MST-1000MST			0	0	0	0	Heavy Snow
A few of the ski areas enjoyed some of the best snowfall of the season as a foot to a foot and a half on snow fell across portions of the Northern Mountains and Front Range Foothills. Some of the snowfall totals included: 17 inches at Beaver Creek, 6 inches near Ward, 15 inches at Loveland Ski Resort, and 10-12 inches at the Eisenhower Tunnel, Climax and Leadville. Elsewhere lesser amounts from six to nine inches were recorded.									
COLORADO, Central Cont'd									
COZ035-039-040 Front Range Foothills Boulder County Jefferson County									
	11	0400MST-1400MST			0	0	?	0	High Winds
Strong downslope winds gusting to 84 mph (73 kts) blew a few car windows out in Boulder County. Some other locations reporting strong winds included: Table Mesa near Boulder, Golden and Lakewood (61 kts) and Estes Park (63 kts).									
COZ035-036-038-039-040 Front Range Foothills Boulder County Northern Jefferson County									
	11-12	2100MST-0630MST			0	0	?	0	High Winds
Hurricane force downslope winds blew across portions of the Front Range Foothills overnight. The National Center for Atmospheric Research (NCAR) in South Boulder, registered a peak wind gust to 124 mph (109 kts) with several more winds gusts over 100 mph. Utility poles and power lines were downed leaving several hundred homes in Boulder and Allenspark without power. Other reports of strong winds included Table Mesa near Boulder (90 kts), Golden Gate Canyon (86 kts), Rocky Flats Environmental Technology Site (74 kts), Allenspark (66 kts) and Fort Collins (63 kts).									
COZ034-035 Northern Mountains Front Range Foothills									
	12-13	Overnight			0	0	0	0	Heavy Snow
A winter storm system moved across the Northern Mountains and Front Range Foothills overnight. A few of the areas which received heavy snow included: 14 inches at Eldora Ski Resort, 12 inches at Bear Lake, nine inches at Winter Park, seven inches at Berthoud and six inches at Loveland Ski.									
COZ033>036 Northern Mountains Front Range Foothills									
	26-27	1400MST-0330MST			0	?	?	0	Heavy Snow
The Thanksgiving holiday weekend turned ugly for travelers heading home from area ski resorts as another winter storm brought several more inches of snow to the Northern Mountains and Front Range Foothills. All lanes on Interstate 70 were closed for several hours, from the Eisenhower Tunnel to Vail Pass, as roads became impassable due to heavy snow, slick roads and poor visibility. As a result, hundreds of people were left stranded from Breckenridge to Vail. The American Red Cross opened temporary shelters for stranded travelers as area hotels and motels quickly filled up. Snowfall totals included: eight to 10 inches at Breckenridge, the Eisenhower Tunnel and Estes Park, with lesser amounts from four to seven inches elsewhere.									
COZ033>036 Northern Mountains									

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
Front Range Foothills	28-29	1500MST- 0400MST			0 0	0 0	Heavy Snow The final snowstorm of the month brought several more inches of new snow to the area. Snowfall totals included: 13 inches at Rocky Mountain National Park, 10 to 12 inches atop Vail Pass and at Allenspark, eight to 10 inches at the Eisenhower Tunnel and Klondike, with lesser amounts from four to seven inches elsewhere.
Larimer County 5 E Loveland	30	1325MST			0 1	? 0	High Winds A strong wind gust toppled a tractor-semitrailer rig containing 320 kegs of beer. The driver received minor injuries.
COLORADO, Southern and South Eastern							
COZ071-072 El Paso County	01	Early Morning	0	0	0 0	0 0	Dense Fog Dense fog reduced visibilities to less than one-quarter mile in portions of El Paso county including Colorado Springs.
COZ071>081 Southeast Plains	01	All night			0 0	? 0	Freezing Drizzle Intermittent freezing drizzle made travel hazardous in some areas from Colorado Springs south to the Wet Mountains and Trinidad and east to the Kansas border.
COZ067 Teller County Rampart Range Pikes Peak	05	2000MST- 2200MST			0 0	0 0	High Winds (G65) Strong jet stream winds and a trough of low pressure in Eastern Colorado resulted in a wind gust of 65 knots at 9,400 feet in the Rampart Range above the Air Force Academy.
COZ080 Prowers County	26	1630MST- 1730MST			0 0	0 0	High Winds (G52) A strong surface low pressure system and associated cold front moved through Southeast Colorado producing sustained winds near 35 knots with a peak wind gust near 50 knots.
CONNECTICUT, Northeastern							
CTZ002>004	12	0000EST- 0500EST			0 0	1M 0	High Winds A deep low pressure system moved northeastward across the St. Lawrence Valley and its associated cold front moved eastward across the area. The cold front was preceded by gale force southeast to south winds. There were many reports of wind gusts up to 50 mph and a few gusts over 60 mph. A peak gust to 64 mph was recorded at Windsor Locks while a gust to 62 mph was reported at New Britain. Numerous trees and tree limbs were blown down and statewide about 100,000 electric customers lost power. More than twelve hours after the winds had subsided 60,000 homes were still without power. Also, statewide, damage from this event was estimated at several million dollars. Power crews had to be brought in from other states and Canada to repair the extensive damage to electric lines. Utility officials stated that this was the worst power loss for the state since 1991 and the seventh worst on record. A number of homes and automobiles were damaged by falling trees and tree limbs. Several large plate glass windows were smashed and siding and roofs damaged in East Hartford. A large tree fell through the roof of a home in West Hartford. A jet aircraft made an emergency landing at Bradley International Airport clipping tree tops and antennae on approach to the field at about 0100. Rapidly falling barometric pressure may have affected the settings of plane's altimeter, resulting in an incorrect altitude correction according to a later news report. Heavy rainfall was reported with up to two inches resulting in scattered areas of street flooding.
CONNECTICUT, Southern							
Fairfield County Countywide	11	2000EST			0 0	? 0	High Winds
New Haven County Countywide	11	2030EST			0 0	? 0	High Winds
Middlesex County Countywide	11	2100EST			0 0	? 0	High Winds
New London County Countywide	11	2130EST			0 0	? 0	High Winds Exceptionally strong southerly winds caused widespread and significant damage across the area. Hundreds of trees and power lines were downed. Approximately 100 thousand people lost power during the height of the storm as winds gusted frequently to around 55 knots (63 mph). Danbury reported the highest wind gust of 66 knots (76 mph).
Fairfield County New Haven County	14 14	1730EST 1730EST			0 0 0 0	? 0 ? 0	Coastal Flood Coastal Flood A low pressure system moving northward along the coast caused some problems around the area. A strong onshore flow caused minor to moderate coastal flooding at times of high tide.
Middlesex County Middletown	15	0630EST			0 0	? 0	Flood Recent heavy rains and associated runoff caused the Connecticut River at Middletown to rise slightly above flood stage during the morning hours.
CONNECTICUT, Northwest							
CTZ001	11 12	1100EST- 1100EST			0 0	30K 0	High Wind An intense low pressure system moved from southern Michigan to the Eastern Great Lakes on Saturday (November 11) then across northern New York Saturday night and into Canada by Sunday morning. The cold front associated with this system was preceded and accompanied by damaging winds. High winds downed trees and power lines in Torrington and New Milford in Litchfield County. A wind gust of 54 knots was reported in Winstead.

DELAWARE

Storm Data and Unusual Weather Phenomena

November 1995									
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
DEZ001>004	11	1900EST-							
Sussex County	11	2300EST			0	0			High Wind
Dewey Beach	11	2230EST			0	0	1M		Thunderstorm Wind 65
A very strong cold front blasted through the region the evening of the 11th. Southerly winds increased during the day and started gusting over 50 mph during the early evening. They peaked as the cold front moved through between 8 pm and 1030 pm. The worst damage occurred in Dewey Beach as a severe thunderstorm exacerbated the damaging wind gusts. The Dodd Avenue and Chicago Street areas were hardest hit. Four houses were severely damaged and more than thirty others suffered minor damage. Part of the roof of one Dodd Street house was found three blocks away. Delaware State Route 1 within Dewey Beach was closed because of strewn debris. Damage estimates were around one million dollars and miraculously no serious injuries were reported. Wind related damage was reported elsewhere throughout the state. About 2,500 Delmarva Power and Light customers lost power in Cecil and New Castle Counties. Porter Road south of Christiana was closed because of fallen trees. In Kent County, a house near Clayton suffered major wind damage. In Sussex County, a chicken house in Millville collapsed, killing 10,000 chickens. Elsewhere in Sussex County a house was badly damaged in Angola, a barn was destroyed in Cool Spring, a garage was flattened and chimney damaged in Georgetown and the Pilot Tower at Cape Henlopen recorded a wind gust to 78 mph.									
DEZ002>004	14	1200EST-							
	14	1600EST			0	0			Coastal Flooding
The first nor'easter of the fall/winter season caused minor tidal flooding the afternoon of the 14th in Kent and Sussex Counties. The gradient between a high pressure system in Quebec Province and the developing nor'easter east of North Carolina produced a stiff east wind. Consequently, the high tides were a little more than three feet above normal. This produced a high tide of 7 feet (Above Mean Low Water) in Lewes. Roads susceptible to tidal flooding were covered and/or closed at high tide.									
DELAWARE Cont'd									
In Kent County Hubbard Avenue in Bowers Beach was under water. A parking lot in Little Creek was submerged. Parts of the bayside communities of Woodland Beach and Pickering Beach were inaccessible. South Bowers became an island as waves were breaking on Kent County Road 121, the only road into South Bowers. In addition, the high tide caused flooding along the Murderkill River, which flooded near Webb Landing shutting it off further. In Sussex County the road between the Indian River Outlet and the South Shore Marina was under two and a half feet of water. Tidal flooding caused roadway flooding in Lewes, Dewey and along State Route 54. By the overnight high tide, the nor'easter moved inland into Southern New Jersey and tidal flooding was less.									
DEZ001	29	0230EST-							
New Castle County	29	0830EST			0	0			First Snow
A series of weak low pressure systems moving northeast through Virginia and North Carolina gave New Castle County its first measurable snow of the season. Precipitation started as rain the evening of the 28th, and changed over to sleet and then snow from northwest to southeast during the early morning on the 29th. Little, if any, snow fell in Kent and Sussex Counties. One to three inches of snow fell, with the highest amount reported in Wilmington. As is the case with the first snow of any season, it contributed to many accidents.									
DEZALL		Month Long			0	0			Normal Precipitation
A month of normal precipitation put the nail in the coffin of the latest drought. On November 3rd Governor Carper downgraded the drought emergency to a drought warning in New Castle County north of the Chesapeake and Delaware Canal. All drought restrictions were lifted on November 16th. November was also a cooler than normal month, averaging about three degrees below normal.									
FLORIDA, Northeastern									
Columbia County	07	2020EST			0	0	2K	0	Thunderstorm Winds
Lake City	Several reports of trees and power lines blown down.								
Suwannee County	07	2000EST			0	0	80K	0	Thunderstorm Winds
Branford	Two homes were damaged, and one vehicle was overturned.								
Nassau County	07	2005EST			0	0	20K	0	Thunderstorm Winds
Fernandina Beach	A roof on a beachfront home in the 700 block of South Fletcher Avenue was lifted off and blown onto the beach. Large limbs and power lines were blown down throughout the county.								
Columbia County	07	2057EST-							
10 SW Lake City to 11SSE Lake City	2125EST	100	9	0	0	500K	0		Tornado(F1)
One barn was destroyed with minor to moderate damage to 20 buildings.									
Bradford County	07	2108EST			0	0	2K	0	Thunderstorm Winds
Numerous reports of trees and power lines blown down.									
Clay County	07	2115EST			0	0	5K	0	Thunderstorm Winds
5 S Orange Park	Several reports of large limbs and power lines blown down.								
Duval County	07	2115EST			0	0	6K	0	Thunderstorm Winds
Baymeadows	Several large trees uprooted.								
St. Johns County	07	2205EST			0	0	5K	0	Thunderstorm Winds
Palm Valley	Numerous reports of power lines and trees blown down.								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
Alachua County Gainesville	07	2157EST			0	0	55K	0	Thunderstorm Winds
	On Interstate 75, two cars were blown off the highway and caused two tractor-semitrailers to collide.								
Gilchrist County	07	2205EST			0	0	5K	0	Thunderstorm Winds
	Several reports of trees and power lines down.								
Clay County Orange Park	07	2315EST			0	0	4K	0	Thunderstorm Winds
	Trees and power lines were blown down.								
Columbia County Lake City	11	1336EST			0	0	55K	0	Thunderstorm Winds
	Trees were blown across U.S.90 East and across Highway 47 south of CR-240. One home was left in shambles and was almost totally destroyed.								

FLORIDA, Northeastern Cont'd

Union County Lake Butler	11	1430EST			0	0	4K	0	Thunderstorm Winds
	Large tree limbs were blown down on 1st Street.								
Duval County Jacksonville	11	1446EST			0	0	5K	0	Thunderstorm Winds
	Several reports, mainly on the westside north of Interstate 10, of trees and power line blown down.								
St. Johns County	11	1505EST- 1512EST			0	0	4K	0	Thunderstorm Winds
	Several reports of trees and power lines blown down throughout the county.								
Alachua County LaCrosse	11	1630EST			0	0	3K	0	Thunderstorm Winds
	Trees and power lines were blown down along Highways 121 and 235.								
Putnam County Winds Bostwick Crescent City	11	1655EST			0	0	6K	0	Thunderstorm Winds
	Trees and power lines were blown down.								

FLORIDA, East Central

Osceola County 8 SE St. Cloud	08	1505EST			0	0	0	0	Thunderstorm Winds
	Severe thunderstorm winds blew down numerous large trees along Highway 192 at State Road 500.								

FLORIDA, Southern

Palm Beach County 1 E Jupiter 18 NE PBI	06	1055EST			0	0	0	0	Waterspout
	A pilot reported a waterspout in the Atlantic just offshore Jupiter.								
Palm Beach County Central part 15 W PBI	06	1550EST			0	0	0	0	Funnel Cloud
	A funnel cloud was sighted near the 20-mile bend of U.S. Highway 441.								
Palm Beach County 12 E Boynton Bch 18 SE PBI	24	1015EST			0	0	0	0	Waterspout
	A waterspout was reported in the Atlantic 12 miles offshore Boynton Beach.								
Dade County E of Key Biscayne 12 SE MIA	29	0700EST			0	0	0	0	Waterspout
	The public reported waterspouts in the Atlantic east of Key Biscayne.								

FLORIDA, West Central

Hillsborough County Manatee County Sarasota County	01	0000EST- 1500EST			0	0	10K	0	Urban/Small Stream Flood
	Localized heavy rains of six to eight inches in rural areas of southern Hillsborough, central Manatee and western urban areas of Sarasota County caused flooding of the Myakka and Little Manatee Rivers. Also, several low-lying roads were washed out or flooded by the excessive rainfall.								
Polk County Bartow Airport	08	0305EST	1.2	75	0	0	1.1M	0	Tornado (F0)
	A short-lived tornado touched down one mile west of Bartow Municipal Airport and damaged a vehicle. The tornado skipped east across rural countryside before it severely damaged a few hangars, overturned ten small private planes and downed several storage sheds and power lines. The hangars sustained approximately \$500 thousand worth of damage while the planes incurred another \$500 thousand.								
Pasco County Wesley Chapel 25 NE TPA	08	0410EST	1.5	375	0	0	7K	0	Thunderstorm Winds (G43)
	Microburst winds of 50 mph produced a scattered path of damage 1.5 miles in length and 100-150 feet wide. Two mobile homes								

Storm Data and Unusual Weather Phenomena

November 1995

November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
were damaged. One lost a roof off an addition, another was pushed into a nearby mobile home. One hogpen was damaged. A few large trees were snapped midway from the trunk, several large tree branches were downed. Estimated damage of \$8 thousand.								
Pasco County 2 SW Zephyrhills	08	0415EST			0	0	10K	0 Thunderstorm Winds (G43)
Thunderstorm downburst winds of 50 mph severely damaged two carports and downed a few large tree branches.								
FLORIDA, West Central Cont'd								
Polk County 9 ESE Lake Wales	08	0415EST			0	0	250K	0 Thunderstorm Winds
Thunderstorm winds damaged ten manufactured homes and eight six-unit apartment buildings near Fedhaven. Estimated damage of \$250 thousand.								
Charlotte County Punta Gorda Isles 21 NW FMY	08	0800EST	0.3	50	0	0	15K	0 Tornado (F0)
A short-lived tornado touched down and produced minor damage to ten homes, mainly to pool screens. However, no structural damage was to the homes was reported. The weak tornado was observed by three citizens.								
Levy County Chiefland	11	1439EST			0	0	0	0 Thunderstorm Winds
Thunderstorm winds downed power lines and a tree in Chiefland.								
Hillsborough County 20 SSE Tampa	11	2055EST	1.2	50	0	2	24K	0 Tornado (F0)
A weak tornado (F0), 150 feet wide along a path of 1.2 miles combined with a microburst to move east over rural portions of southern Hillsborough County. The tornado touched near the Sundance community along U.S Highway 301 and Surona Road. The F0 tornado touched down and severely damaged one doublewide mobile home and produced minor damage to five other mobile homes. Two persons sustained minor injuries. A shed and a chain link fence were also destroyed. Power lines along with several large trees were downed. The tornado lifted and dissipated near Seminole Trail and Oakwood Drive. Estimated damage of \$24 thousand.								
Hillsborough County 20 SSE Tampa	11	2055EST	1	75	0	0	2K	0 Thunderstorm Winds
A microburst downed numerous trees along Surona road. The microburst was responsible for deflecting a weak F0 tornado eastward along a 1.2 mile path.								
FLORIDA , Northwestern								
Walton County 3 SW DeFuniak Springs	11	0857CST	.2	50	0	0	50k	0 Tornado (F1)
A tornado struck causing major damage to one home and lesser damage to 12 other homes. Trees and power lines were all knocked down.								
Walton County 1 W Red Bay	11	0906CST	.1	30	0	0	30K	0 Tornado (F1)
A tornado lifted a vacant single-wide mobile home off its blocks and carried it 50 feet where it landed upside down in the middle of Rock Hill Road.								
Holmes County Esto	11	0857CST			0	0	0	0 Thunderstorm Winds
Holmes County Sheriff's Department reported trees down north of Highway 2 along Highway 79.								
Washington County 5 S Chipley	11	0932CST	.1	20	0	0	20K	0 Tornado(F1)
A tornado damaged a dairy.								
Jackson County Countywide	11	0930CST- 0955CST			0	0	30K	0 Thunderstorm Winds
Trees were blown down on County Road 165 in Bascom and on State Road 71 in Greenwood. Near Kynesville trees were blown down. Three miles southwest of Marianna, Trees were blown down on State Road 167 and one house sustained considerable damage from an uprooted tree. One barn and several out buildings were destroyed.								
Bay County Panama City Beach	11	0936CST			0	0	1K	0 Thunderstorm Winds
Bay County Sheriff's Office reported a shed knocked down and some windows blown out of a building on Thomas Drive.								
Calhoun County Ocheese	11	0954CST	.1	10	0	0	0	0 Tornado (F0)
Calhoun County Sheriff's Office reported a tornado touched down on the Northwest side of Highway 73 near State Road 274.								
Gadsden County 5 S to 5 SE Wetumpka	11	1127EST- 1130EST	5	100	0	0	0	0 Tornado (F1)
A tornado touched down on the north side of Lake Talquin pulling several large cypress trees into the lake. The tornado travelled across a branch of the lake moving across the the Waldwood Boy Scout Reservation and tracking about three miles to Rocky Comfort Creek. Numerous trees were downed along the path.								
Jefferson County Capps	11	1200EST			0	0	1K	0 Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
A large tree was blown across power lines and into Highway 27 between Capps and Wakeena.							
Madison County Countywide	11	1250EST			0 0	0 0	Thunderstorm Winds
FLORIDA, Northwestern Cont'd County Emergency Management and Sheriffs Office reported large trees blown down across many areas of the county.							
Wakulla County 1 W Wakulla	11	1210EST			0 0	1K 0	Thunderstorm Winds
Sheriff's Office reported that a tree was blown down on a house at River Plantation Estates.							
Liberty County Bristol	11	1106EST			0 0	0 0	Thunderstorm Winds
County sheriff's office reported trees and power lines downed.							
Liberty County Telogia	11	1118EST			0 0	0 0	Thunderstorm Winds
County sheriff's office reported trees blown down along Highway 65 South of Telogia.							
Leon County 2 N Tallahassee	11	1150EST	.5	100 0	0 .5m	0	Tornado (F1)
A severe thunderstorm caused sporadic damage from downtown Tallahassee across the east and north sides of the city and spawned a tornado that caused considerable damage. Hundreds of mature pines and hardwoods were damaged or blown completely down causing damage to many residences and apartment complexes. The Tallahassee Civic Center sustained considerable roof damage. No serious injuries were reported but several people reportedly received cuts and bruises.							
Franklin County Lanark Village	11	1150EST	.1	20	0 0	.5k 0	Tornado (F0)
Franklin County Sheriff's Office reported a tornado touch down in Lanark Village blowing the windows out of a house and damaging a fence.							
Wakulla County 5 N Horseshoe Beach	11	1410EST	.1	20	0 0	10K 0	Tornado (F0)
Sheriff's office and storm spotter reported a tornado that overturned a mobile home and damaged some sheds.							
FLORIDA, Western Panhandle							
Escambia County Ensley	01	1730CST			0 0	1K 0	Thunderstorm Winds
A few trees were blown down, and some siding was blown from a couple of homes in the Ensley area.							
Santa Rosa County Milton	01	1740CST			0 0	1K 0	Lightning
Lightning struck the ground in the Milton area and severed a water line. The water was off for several hours until the line could be repaired.							
Santa Rosa County Pace and Milton	02	0130CST- 0400CST			0 0	30K 0	Flash Flood
Heavy rains of eight to 15 inches in the central sections of Santa Rosa County, generally between Pace and Milton, caused flooding. High water forced 30 families to evacuate from Saddle Club Estates subdivision (northwest of Pace). This is the second time in less than a month that this area has flooded. In October, heavy rains from Hurricane Opal caused the same area to flood. Pace High School was forced to close on Thursday November 2 due to some of the classrooms being flooded by the heavy rains. Several roads between Pace and Milton were also closed for a short period of time because of high water.							
Santa Rosa County Pace	03	0300CST- 0500CST			0 0	1K 0	Flash Flood
Heavy rains caused the east bound lanes of U.S. Highway 90 to close for about two hours early Friday morning in the Pace area. The rains moved on to the east and the water in the highway had time to drain and was reopened about sunrise.							
FLZ001>006 Northwest Florida	11	0700CST- 0930CST			0 0	40K 0	Thunderstorm Winds
A squall line moved from Southwest Alabama into Northwest Florida during the morning hours of Saturday. As the line of thunderstorms moved through Northwest Florida, widespread straight line wind damage was reported across the area. The highest wind speeds were around 90 mph clocked on a tugboat in the intercoastal waterway just south of Pensacola. Most of the damage was from trees and power lines being blown down. Following are some individual damage reports: Gust to 90 mph from a tugboat just south of NPA (Escambia County). Trees and power lines were blown down in Jay (Santa Rosa County). NPA reported a gust to 64 mph. Laurel Hill had trees blown down and some of the trees were blown into a couple of homes (Okaloosa County). Trees and power lines were blown down in the East Hill section of Pensacola. Trees and power lines were blown down in the Holly-Navarre areas (Santa Rosa County). Trees were blown down in the Crestview area (Okaloosa County). Eglin Air Force Base reported wind gusts of 60 to 70 mph at two of their remote sensors (Okaloosa County). The squall line moved out of Okaloosa County and into Walton County around 0930 CST.							
GEORGIA, North Central							
Crisp County Cordele 10 SE Cordele	07	1500EST- 1600EST			0 0	1K 0	Thunderstorm Winds
GEORGIA, North Central Cont'd							

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Thunderstorm winds knocked down five to 10 trees in Cordele and another was knocked down 10 miles southeast of Cordele. A funnel cloud was reported in the vicinity of the Crisp County High School. Over 20 homes lost power due to trees down on main power lines on Fleming Road and in the vicinity of 20th Avenue and Seventh Street.									
Wilcox County 4 N Rochelle	07	1530EST			0	0	200	0	Thunderstorm Winds
Thunderstorm winds knocked down a tree on a power line and several limbs were down in the same area.									
GEORGIA, Northeast									
GAZ010, Mountains GAZ017-018-021-028-028	11	1200EST			0	0	10K		High Winds
11	1400EST				0	0	?	0	Winds
High winds battered Rabun County with downed trees and power lines. Some wind affected other areas along the SC border but there was not widespread damage. Some trees fell as a result of the saturated ground conditions. Flurries followed the wind in the mountains.									
GEORGIA, East Central									
Lincoln County Amity & Woodlawn	02	1550EST			0	0	0	0	Hail (0.75)
Columbia County Evans	07	1446EST			0	0	?	0	Thunderstorm Winds
Thunderstorm winds took down several large trees.									
Richmond County Augusta	07	1515EST			0	?	?	0	Thunderstorm Winds
Thunderstorm winds destroyed several large signs at Regency Mall.									
Burke County Waynesboro	07	1547EST			0	0	0	0	Thunderstorm Winds
Trees down along Highway 45 south of Waynesboro.									
Columbia County Appling	11	1433EST			0	0	?	0	Thunderstorm Winds
Trees were knocked down.									
Richmond County Augusta	11	1513EST			0	0	?	0	Thunderstorm Winds
Large tree branches down around the Augusta area.									
GEORGIA, Southeast									
Tattnall Co, Glennville	02	2038EST			0	0			Thunderstorm Winds
Trees and powerlines down.									
Coastal Area	07								
Unseasonably warm humid air from the Gulf of Mexico, ahead of a strong cold front combined to produce numerous tornadoes and severe thunderstorms that caused considerable wind damage over the southeastern U.S. on November 7. Most of the tornadoes in the coastal sections of South Carolina and Georgia were short lived. The exceptions were in Bryan and McIntosh Counties in Georgia. The tornado in McIntosh County was tracked earlier through Pierce and Wayne Counties by NWS Jacksonville. The tornado was not on the ground the entire time. There were places where the tornado was an F1.									
Tattnall Co, 10W Reidsville	07	1535EST			0	0			Thunderstorm Winds
Powerlines down.									
Bryan Co, 7 WSW Eden & Effingham County	07	1605EST	8.5	60	0	1	50K	0	Tornado (F1)
Tornado started in Bryan County as indicated by 88D. Tornadoic storm appeared to have diminished while still in Bryan County and then regenerated rapidly, just before entering Effingham County and then crossing Interstate 16. Tornado moved east northeast and ended about 1.5 miles east of Eden. No significant damage occurred in Bryan County. In Effingham County, two mobile homes were destroyed and roof damage to several homes and numerous trees down.									
Long Co, Ern Half	07	1725EST			0	0			Thunderstorm Winds
Powerlines down.									
Bryan Co, Nrn Half	07	1730EST			0	0			Thunderstorm Winds
Powerlines down.									
Liberty Co, Srn Half	07	1735EST			0	0			Thunderstorm Winds
Powerlines down.									
GEORGIA, Southeast Cont'd									
Bryan Co, 5S Richmond Hill	07	1745EST	.5	40	0	0			Tornado (F0)
Tornado was observed on the ground by a guard. No significant damage occurred.									
McIntosh Co, 7SW Townsend	07	1820EST	10-12	35	0	0			Tornado (F0)

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Tornado moved from southwest of Townsend to just north of Meridian. Numerous trees were down between these two towns and tin and gutters were torn from homes. Tornado was not on the ground continuously.									
Liberty Co, Hinesville	07	1835EST			0	0			Thunderstorm Winds
Trees and powerlines down.									
Long Co, 5E Ludowici	07	1840EST			0	0			Thunderstorm Winds
Trees and powerlines down.									
GEORGIA, Lower									
Jeff Davis County Hazlehurst	07	1551EST			0	0	15K	0	Thunderstorm Winds
Eight large trees and several power lines were blown down. Two buildings received structural damage.									
Coffee County	07	1700EST			0	0	10K	0	Thunderstorm Winds
Numerous trees and power lines reported down throughout the county.									
Bacon County	07	1715EST			0	0	2K	0	Thunderstorm Winds
Several reports of large tree limbs and power lines blown down.									
Ware County Dixie Union	07	1730EST			0	0	5K	0	Thunderstorm Winds
Large trees and power lines were blown down.									
Atkinson County	07	1730EST			0	0	15K	0	Thunderstorm Winds
Roof of animal shelter was damaged in Willacoochee. Large tree limbs and power lines were blown down throughout the county.									
Pierce County Bristol to 2 NE Offenham	07	1734EST- 1805EST	35	10	0	4	300K	0	Tornado(F1)
Totally destroyed a mobile home in Bristol. Damage several homes and businesses. Path was not continuous.									
Clinch County Homerville	07	1745EST			0	0	4K	0	Thunderstorm Winds
Several large trees were uprooted or blown down.									
Wayne County Screven	07	1800EST			0	0	5K	0	Thunderstorm Winds
Large tree limbs and power lines blown down.									
Ware County Waycross	07	1800EST			0	0	10K	0	Thunderstorm Winds (G60)
Numerous large trees were uprooted or blown down.									
Wayne County 2 SW Screvin to 2 1/2 SE Screvin	07	1800EST- 1820EST	100	2	0	0	20K	0	Tornado (F1)
Around 15 to 20 trees were across White Star Still Road. Other trees were snapped at around 15 feet above the ground.									
Camden County	07	1900EST			0	0	5K	0	Thunderstorm Winds
Large trees and power lines were blown down throughout the county.									
Glynn County Brunswick to St. Simons Island	07	1910EST- 1920EST	50	6.5	0	0	40K	0	Tornado(F1)
Ripped the roof and damaged Charter-By-The-Sea Hospital and lifted the roof off a convenience store in Brunswick. Structural damage was also reported to a marina.									
Camden County	07	2000EST			0	0	1K	0	Thunderstorm Winds
Numerous trees and large limbs were blown down.									
Charlton County	07	2005EST			0	0	3K	0	Thunderstorm Winds
Several reports of trees and large limbs blown down.									
Clinch County Homerville	11	1330EST			0	0	15K	0	Thunderstorm Winds
Trees and power lines blown down. Home on West Forest Avenue had roof damage.									
FLORIDA, Lower Cont'd									
Ware County 5 N Waycross	11	1336EST			0	0	1K	0	Thunderstorm Winds
Large limbs and power lines were blown down.									
GEORGIA, Southwest									
Dougherty County 4 SW-3 SE Albany	07	1359EST- 1405EST	5	0.50	36	10m	0		Tornado (F2)
A tornado first touched down on the north side of the AlbanyDougherty County Airport then moved east north-east for five miles to just past U.S. Highway 19. In two spots along the path the tornado lifted briefly. One of these breaks in the damage path occurred at an elementary school that was in session. The worst damage was to a Winn Dixie grocery store where many of the 36 injuries occurred. One side of the store was pulled out and collapsed to the side parking area. In the parking lot, numerous									

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
cars were moved about and a few turned over. Over 40 homes were destroyed with over 50 more severely damaged. Five businesses were severely damaged.								
Mitchell County Baconton	07	1524EST			0	0	0	Thunderstorm Winds
Several trees were blown down across SR93 according to county Emergency Management.								
Tift County Tifton	07	1600EST	.1	30	0	0	0	Tornado (F0)
A tornado briefly touched down just north of Abraham Baldwin Agricultural College causing no damage according to county Emergency Management.								
Berrien County Nashville	07	1800EST			0	0	1K	Thunderstorm Winds
Winds from a thunderstorm blew several trees down blocking several roads and causing minor property damage according to the sheriff's office.								
Decatur County Bainbridge	11	1108EST	.1	30	0	0	10K	Tornado (F1)
A tornado touched down near Spring Creek and Airport Road causing structural damage to several residences.								
Grady County 1 E-2 E Nickleville	11	1130EST	1	100	0	0	100K	Tornado (F1)
A tornado blew down many large trees and damaged five residences								
Grady County 1 NE-3 NE Cairo	11	1140EST	2	100	0	0	200K	Tornado (F1)
A tornado caused intermittent damage on a track parallel to GA Highway 188. One unoccupied mobile home was completely destroyed. Several other frame homes received serious damage.								
Thomas County 2 N Thomasville	11	1210EST	.1	50	0	1	50K	Tornado (F1)
A brief tornado blew numerous trees down across GA 202 just south of U.S. 84 in Thomasville. One mobile home was totalled and one car was struck by a tree causing injury to the passenger.								
Brooks County Morven	11	1220EST	.3	75	0	0	75K	Tornado (F1)
One repair garage was destroyed as a tornado moved across Highway 94. The tornado snapped several pine trees with one falling on a car and another on a house.								
Colquitt County Countywide	11	1200EST- 1230EST			0	0	100K	Thunderstorm Winds
Two Moultrie businesses, a tractor-semitrailer company and a building company, had their roofs blown off and strewn across nearby roads. Trees and power lines were also down in the areas. In Doerun, winds took the roof off of the Mobley Gin and caused damage to at least two other buildings in town.								
Cook County Countywide	11	1220EST			0	0	5K	Thunderstorm Winds
Sheriff's office reports trees and power lines down across the county.								
Lowndes County Valdosta	11	1230EST			0	0	5K	Thunderstorm Winds
Two houses each had trees blown onto them causing damage according to the sheriff's office.								
GEORGIA, West Central								
None reported.								
IDAHO, Southwestern								
IDZ003 Bonneville	10	1600MST			0	0	0	Snow
IDZ006 Boise County	10	1600MST			0	0	0	Snow
IDZ010 Lemhi County	10	1500PST			0	0	0	Snow
IDAHO, Southwestern Cont'd								
IDZ012 Teton County	10	1600MST- 0800MST			0	0	0	Snow
Overnight a winter storm system dropped snow in several counties. Some of the totals include: Victor with 12 inches, Driggs with six inches, Island Park with five inches, Palisades Dam with three inches and Idaho City and St. Anthony with two inches.								
IDZ006 Adams County	13	2230MST			0	0	0	Dense Fog
Valley County	13	2230MST			0	0	0	Dense Fog
Washington	13	2230MST			0	0	0	Dense Fog
Boise County	13	2230MST			0	0	0	Dense Fog
IDZ005 Owyhee County	13	2230MST			0	0	0	Dense Fog
	14	0100MST			0	0	0	Dense Fog
Dense fog blanketed several southern Idaho counties. Adams, Boise, Valley, Washington, and Owyhee counties all had visibilities less than 300 feet.								
IDZ001 Ada County	14	0400MST			0	0	0	Dense Fog

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Elmore County	14	0400MST			0	0	0	0	Dense Fog
IDZ006									
Washington County	14	0400MST			0	0	0	0	Dense Fog
Adams County	14	0400MST			0	0	0	0	Dense Fog
Valley County	14	0400MST- 1200MST			0	0	0	0	Dense Fog
Dense fog restricted visibilities to less than an eighth of a mile in Ada and Elmore Counties. Along Highway 95, between Weiser and New Meadows, visibilities were reduced to less than a quarter of a mile. Highway 55, near the McCall-Donnelly area and Idaho City, visibilities were also reduced to less than a quarter of a mile.									
IDZ003									
Bannock County	15	0600MST- 0800MST			0	0	0	0	Dense Fog
West of the Pocatello area, along Interstate 15 and Interstate 86, visibilities were restricted to less than a quarter of mile. Flights were delayed at the Pocatello Airport.									
Elmore County	16	1645MST- 1745MST			0	0	3	0	Lightning
CJ Strike Res	Lightning caused a fire along the north shore of the CJ Strike Reservoir. The fire was contained quickly.								
IDZ001									
Ada County	16	1800MST- 2200MST			0	0	0	0	Dense Fog
Dense fog covered the Treasure Valley. Visibilities throughout Ada, Elmore, and Canyon Counties were reduced to less than a quarter of a mile.									
IDZ012									
Fremont County	27	1500MST			0	0	0	0	Snow
Clark County	27	1500MST			0	0	0	0	Snow
IDZ004									
Caribou County	27	1500MST			0	0	0	0	Snow
IDZ012									
Teton County	27	1500MST			0	0	0	0	Snow
IDZ003									
Bannock County	27	1500MST			0	0	0	0	Snow
Bonneville County	27	1500MST			0	0	0	0	Snow
IDZ004									
Franklin County	27	1500MST- 0900MST			0	0	0	0	Snow
Southeastern Idaho experienced a winter storm that dropped three to 10 inches of snow in many locations. Some totals include the following, Grays Lake received 10 inches, Island Park received nine inches, eight inches fell at Aston and Dubois, Driggs received six inches, five inches fell at Bone and Victor and St. Anthony, Swan Lake, Lava Hot Springs and Soda Springs all received three inches.									
IDZ008									
Latah County	22	0700PST			0	?	?	?	Flood
IDZ011									
Clearwater County	22	0700PST			0	?	?	?	Flood
IDZ009									
Kootenai County	22	0700PST			0	?	?	?	Flood
Shoshone County	22	0700PST			0	?	?	?	Flood
Benewah County	22	0700PST- 071500PST			0	?	?	?	Flood
Significant flooding occurred during the last week of November through the first week of December. Warm temperatures, four to seven inches of rainfall and snow levels above 5,000 feet caused increased runoff levels from both rainfall and snowmelt. By November 25, the Coeur d'Alene and St. Joe rivers sustained some minor flooding. The St. Joe River at St. Maries rose									

IDAHO, Southwestern Cont'd

above flood stage around 0400 on November 30 and continued above flood stage through December 7th. More damage occurred upstream from Calder to the Shoshone county line. The Coeur d'Alene River crested to flood stage on November 29. Enaville sustained more damage. The Cataldo gage went above flood stage on Nov 29th at midnight and remained above flood stage through December 3rd. The Coeur d'Alene River washed out Latour Creek Road isolating 100 families. Interstate 90 at Cataldo was closed due to high water. A state of emergency was declared on November 30 by Kootenai County. Many homes were flooded, property destroyed, and several roads were unusable. Lake Coeur d'Alene was above normal by nine feet. High water caused damage to several boats, docks and lakeshore property. Two other counties also experienced some minor flooding. Latah County reported the Potlatch River out of its banks on November 30th. The pastures in the Bovill area were flooded. In Clearwater County, a bridge was threatened by high waters on Orofino Creek. Dollar damage estimates and injury totals were not yet available.

IDZ011 Idaho County

30	1400PST- 2300PST			0	0	?	?	Flash Flood
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Noseum Creek rose to thirty feet washing out a section of Highway 12 between Lowell and Powell. The highway was closed for over two weeks.

ILLINOIS, Northeast

None reported.

ILLINOIS, Central

None reported.

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
ILLINOIS, Southern							
Saline County Carrier Mills	10	2120EST			0 0	2K 0	Thunderstorm Winds (G52) Thunderstorm winds blew down 25 to 30 trees near Carrier Mills. A fence and dog pen were blown away.
Union County Jonesboro	11	0001EST			0 0	40K 0	Thunderstorm Winds A nursing home was partially unroofed. About 12 residents of the home were relocated until the damage could be repaired. Trees were down and power was out in the area of the nursing home.
Southern IL ILZ075-080>094	11	0030EST- 0300EST			0 0	? 0	High Winds A very strong cold front moved through southern Illinois, causing temperatures to fall 20 degrees in 30 minutes. Strong winds behind the cold front caused some isolated power outages and minor tree damage. Power outages were reported in Williamson County, and a small tractor shed was blown over two miles north of Carterville.
Extreme South Illinois ILZ088-092	15	0300EST- 0900EST			0 0	0 0	Early Snow The extreme southern tip of Illinois around Cairo was affected by a very early season snowfall. Up to an inch of snow was measured in Cairo. Most of the snow was across the Mississippi River in Missouri, where up to three inches fell near Cap Girardeau.
ILLINOIS, Southwestern							
Madison County Glen Carbon	27	1500CST			0 0	3K 0	High Winds A Large tree was blown down by gusty winds downing powerlines and blocking Glen Crossing Road. The electricity also started a fire in the tree.
ILLINOIS, Northwest							
ILZ001-002-007- 009-015>018- 024>026-034- 035	10	0400CST- 2300CST			0 0	? ?	Snow, Sleet, Freezing Rain During the early morning hours showers and thunderstorms occurred along a strong cold front that was passing through the area. By midmorning, rain turned to sleet and then snow. A Snow Advisory was in effect for east central and southeast Iowa as well as for northwest Illinois for much of the day. Icy roads and winds gusting to 30 and 40 mph caused several accidents including jackknifed tractor-semitrailers. Hazardous travel continued through the evening hours. One to six inches of snow and hazardous winter travel conditions caused the postponement of High School semifinal football games across the area.
ILZ001-002-007- 009-015>018- 024>026-034- 035	27	0400CST- 2000CST			0 0	? ?	Snow, Sleet, Freezing Rain Snow advisories were issued for northwest Illinois and east-central Iowa as a low pressure system developed over Missouri. Precipitation began as sleet and then changed to snow as the system moved northeast out of Missouri. Four to seven inches of snow fell during the day and prompted widespread early school closures. Roads were slick with numerous accidents.
INDIANA, Central							
							None reported.
INDIANA, Northwest							
							None reported.
INDIANA, Northeast							
							None reported.
INDIANA, Southeast							
							None reported.
INDIANA, South Central							
							None reported.
IOWA, Central							
IAZ048>050-057>062- 070>075-081>086-092> 097	10	1200CST 2300CST			0 0	10K 0	Snow A strong cold front moved through Iowa during the late night of the 9th and early morning hours of the 10th. During the day a wave formed along the front and moved northeast along the cold front, now to the southeast of the state. Over running snow developed over the southwest and west central counties of Iowa around noon. During the afternoon the snow spread east while light rain developed over the southeast counties. Temperatures fell into the 20s during the afternoon in most areas. Ground temperatures were above freezing, so snow that did fall froze to road surfaces. It became extremely icy for the rush hour. The Iowa Department of Transportation recommended no travel over much of the south half of Iowa by the early evening hours. Snow amounts were not very high, with accumulations of 2 to 4 inches reported in most areas. The heaviest snow fell in Bedford, with 5 1/2 inches. During the early evening hours some freezing rain and ice pellets preceded the snow, however it was for less than an hour in most areas and was not a significant icing situation.

Storm Data and Unusual Weather Phenomena

November 1995

November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
IAZ004>010-015>019-023>029-033>039-044>050-057>062-070>075-081>086-092>097 Much of Iowa	27	0500CST 2000CST			0	0	50K 0	Snow
IAZ011-029 Northeast Iowa	27	0700CST 1900CST			0	0	10K 0	Heavy Snow
Low pressure developed over the Rockies and tracked across Kansas. The center eventually took a track across west central into northeast Missouri before moving to the northeast of Iowa. Moisture was somewhat lacking with the system, preventing it from becoming a major winter storm. An arctic coldfront was located north of Iowa and as the storm deepened, the arctic air dropped south into the state. Precipitation began in the form of rain in most areas as prior to the cold frontal passage temperatures were well above normal. During the change over, a period of freezing rain and ice pellets occurred. The amount of freezing rain and ice pellets was light and they did not cause significant problems. The main problem initially with the storm was the warm ground temperatures. Ice pellets and snow that did fall melted on road surfaces. As the arctic air moved in the slushy mixture froze to road surfaces rendering them 100% ice covered. Travel was very hazardous and numerous accidents were reported. In many of the major cities in Iowa, the changeover occurred during the morning rush hour. Heavy snowfall occurred over the northeast corner of the state. There were reports of 6 inches or more in a few areas. The heaviest snowfall reported was in Fayette, with 6.5 inches. The heaviest band of snow extended from Fayette, southwest to just north of Des Moines, and west toward Omaha. Amounts tapered off as you headed west, with 3 to 4 inches reported in central Iowa and 2 to 3 inches toward Omaha. Northerly winds increased on the back side of the storm system. They caused considerable blowing and drifting of snow. Visibilities were reduced to near zero at times in rural areas due to the combination of falling snow and winds of 20 to 35 MPH. Temperatures fell into the upper teens and 20s across the state by nightfall.								
IOWA, Northwest	None reported.							
IOWA, East Central and Southeast								
IAZ040>042-051>054-063>068-076>078-087>089-098-099	10	0400CST- 2300CST			0	0	? ?	Snow, Sleet, Freezing Rain
During the early morning hours showers and thunderstorms occurred along a strong cold front that was passing through the area. By midmorning rain turned to sleet and then snow. A Snow Advisory was in effect for northwest Illinois as well as for much of central and southeast Iowa. Icy roads and winds gusting to 30 and 40 mph caused several accidents including jackknife tractor-semitrailer. One to six inches of snow and hazardous winter travel conditions caused the postponement of High School semifinal football games across the area. A 27-year-old Missouri man was killed at about 2130 (CST) when his tractor-trailer jackknifed seven miles north of Donnellson on U.S. 218.								
IAZ040>042-051>054-063>068-076>078-087>089-098-099	27	0400CST- 2000CST			0	0	? ?	Snow, Sleet, Freezing Rain
IOWA, East Central and Southeast Cont'd								
Snow advisories were issued for east central Iowa and northwest Illinois as a low pressure system developed over Missouri. Precipitation began as sleet and then changed to snow as the system moved northeast out of Missouri. Four to seven inches of snow fell during the day and prompted widespread early school closures. Roads were slick with numerous accidents.								
KANSAS, Northeastern								
KSZ025-102>104-105 Northeast Kansas	10	1500CST- 2400CST			0	0	0 0	Ice, Snow
Several hours of sleet and freezing rain followed by a brief change over to snow resulted in hazardous travel. Numerous traffic accidents were reported as roads became ice and snow covered. Snow accumulations were generally in the one half to two inch range. A 48-year-old man was killed on Interstate 35 in Northern Miami County when he lost control of his car due to the icy roads.								
KANSAS, Eastern								
Northeast Kansas KSZ08>12-20>24-34>40-55-56-	10	1430CST- 1900CST			0	1	? ?	Winter Storm
Snowfall of one to six inches along with strong north winds and rapidly falling temperatures overspread the area. Travel conditions deteriorated quickly causing numerous minor traffic accidents. See later entry for fatality information. A Geary County deputy sheriff was treated for hypothermia after working the scene of a multiple car accident during the winter storm.								
Republic County Belleville	10	1430CST			0	2	? ?	Winter Storm
A small private plane crashed in a snowstorm due to wind shear. The plane hit in a pasture adjacent to the airport runway. The pilot and one passenger walked away from the crash to the airport office and called officials. The two received only slight injuries. The plane incurred moderate damage.								
Shawnee County Willard	10	1530CST			1	0	? ?	Winter Storm
Slippery roads from snow and sleet caused a fatal car accident that killed a 34 year-old male. The motorist lost control on the icy Willard Bridge and spun head-on into an oncoming vehicle. The other driver was not injured. M34V								
KANSAS, Southeastern								
Butler County								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
El Dorado	06	1600CST			0	0	0	0	High Winds
									The high winds toppled the south wall of a mini-mall project which was under construction.
Kingman County	08	1825CST			0	0	8K	0	Ice Storm
									The combination of icy roadways and high winds caused for a 26 foot Jayco Eagle camper to break loose from a pickup. The camper overturned into the center median and caused considerable damage to the bed of the pickup.
KANSAS, Extreme Southeastern									
Cherokee County	09	1130CST			?	?	60K	0	High Winds
Galena									High gradient winds downed a power line which touched off a grass fire. The fire consumed 300 acres of grass and timber, along with a house and a mobile home.
Cherokee County	10	1515CST			?	?	10K	0	Thunderstorm Winds
Galena									Thunderstorm winds heavily damaged the roofs of several buildings and blew windows out of cars in Galena.
KANSAS, Southwestern									
									None reported.
KANSAS, Northwestern									
NORTHWEST KANSAS	10	0500CST- 2000CST			0	0	?	?	Winter Storm
KSZ001>004-013> 016-									Freezing rain was followed by snowfall and strong winds which caused poor visibility. A two vehicle accident on icy roads in blowing snow claimed two lives and caused two injuries eight miles south of Hoxie. Another accident caused injuries near St. Francis.
West Central Kansas	26	1700CST- 1800CST			0	1	.1M	0	High Winds (G72)
KSZ029-41>042									High winds flipped over a combine, demolished an unoccupied mobile home, uprooted trees, damaged irrigation rigs, grain bins, and fences, and snapped a power pole. One female adult was injured by flying debris during the high winds. A newspaper stated winds gusted to 83 mph at Leoti.
KANSAS, North Central									
									None reported.
KENTUCKY, Northern									
									None reported.
KENTUCKY, Northeast									
KYZ101	11	1145EST			1	0	15K	0	High Winds
									A 15-year-old girl was killed inside her Russell home when a tree fell through the roof. A strong cold front had just passed. In its wake, a brief wind gust of 55 to 60 mph was likely. F15PH
KYZ101-102- 103-104-105- 107-119 Northeast	01- 30				0	0	0	0	Prolong Cold
									The monthly average temperature was around five degrees colder than a normal November.
KENTUCKY, Central									
Jefferson County	11	1800EST			0	0	0		Gradient Winds
									Winds downed power lines across the county.
Adair County	11	1800EST			0	0	0	0	Gradient Winds
Columbia									Power lines downed.
Knott County	11	1900EST			0	0	0	0	Gradient Winds
									Power lines downed.
Kyz112-114 Southeast Ky Kentucky River Basin	28 29	1700EST- 0100EST			0	0	0	0	Heavy Snow
									Snow fell in southeast Kentucky over a seven hour period leaving two reports of four inches or more. Heaviest snowfall was reported in Jackson, Owsley and Breathitt Counties. Snow began in Breathitt County at 1744 EST with heavy snow beginning around 2027 EST. One to two inches per hour fell until 2202 EST with snow ending at 0044 EST on the 29th. Snow reports from across the area varied from two to four inches. Across the storm track, three to 4.5 inches were reported. Spotters reported four inches in Owsley County with 4.5 inches falling at the Jackson Weather Office in Breathitt County.
KENTUCKY, Southwestern									
Western KY	11	0100EST- 0300EST			0	0	10K	0	High Winds (G52)
KYZ001>013									A very strong cold front swept through western Kentucky during the pre-dawn hours. Strong winds immediately behind the cold front caused some isolated power outages and downed tree limbs. Radio station WYMC in Mayfield measured a wind gust to

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured	Property		
61 mph at 0219 CST. The temperature fell 20 degrees in 20 minutes as the front passed through Paducah. Strong thunderstorms occurred in advance of the front, followed by a dusting of snow several hours later.									
Extreme West Kentucky KYZ001>004	15	0400EST- 1000EST			0	0	0	0	Early Snow
An early season snowfall affected the westernmost counties of Kentucky west of Paducah and Mayfield. Accumulations were an inch or two, except in Fulton County, where up to three inches fell. Although most of the accumulation was on grassy areas, bridges and overpasses became very slippery. A fatal accident in Fulton County was attributed to the slick roads. A 32-year-old male died after he lost control of his pickup truck on a snow-covered bridge.									
LOUISIANA, Northwest									
Caddo Parish Shreveport	01	2309CST			0	0	0	0	Hail (0.50)
Shreveport	01	2319CST			0	0	0	0	Hail (1.75)
Bossier Parish 1 E Haughton	01	2325CST			0	0	0	0	Thunderstorm Winds
Strong winds downed power lines.									
Bossier City	01	2330CST			0	0	15K	0	Hail (1.75)
Numerous reports of damage to vehicles inside the city by local insurance companies.									
Union Parish Junction City	02	0112CST			0	0	0	0	Thunderstorm Winds
Strong winds downed power lines.									
Caddo Parish Shreveport	10	2354CST			0	0	0	0	Thunderstorm Winds (G65)
Several reports of trees blown down.									
7 W Shreveport Shreveport	10	2355CST			0	0	0	0	Hail (0.75)
	10	2357CST			0	0	1K	0	Thunderstorm Winds
Winds blew a wind turbine off of a roof.									
LOUISIANA, Northwest Cont'd									
Bossier Parish Bossier City	10	2358CST			0	0	0	0	Thunderstorm Winds (G60)
Several reports of trees down.									
Webster Parish Minden	11	0014CST			0	0	0	0	Hail (0.75)
Claiborne Parish Homer	11	0015CST			0	0	0	0	Thunderstorm Winds (G60)
Gusty winds downed tree limbs three inches in diameter.									
De Soto Parish Mansfield	11	0025CST			0	0	0	0	Thunderstorm Winds (G60)
Gusty winds downed several trees.									
Natchitoches Parish Robeline	11	0027CST			0	0	2K	0	Thunderstorm Winds
Several trees down inside the city including one that damaged a roof.									
Bienville	11	0030CST			0	0	0	0	Thunderstorm Winds (G60)
Winds downed several trees to one foot in diameter across many roads.									
Union Parish Marion	11	0045CST			0	0	10K	0	Thunderstorm Winds (G60)
Strong winds caused a tree to fall onto a house partially destroying the roof.									
Sabine Parish 5 S Converse	11	0055CST			0	0	0	0	Thunderstorm Winds (G60)
Gusty winds downed several trees.									
Union Parish	11	0100CST			0	0	0	0	Thunderstorm Winds
Numerous reports of trees across highways throughout the parish.									
Webster Parish 1 S Minden	11	0100CST			0	0	0	0	Thunderstorm Winds (G60)
Several trees downed by strong winds.									
Natchitoches Campiti	11	0103CST			0	0	0	0	Thunderstorm Winds
Strong winds blew down several trees and four inch limbs littered several highways.									
Natchitoches	11	0105CST			0	0	0	0	Thunderstorm Winds
Winds downed several power poles and lines.									
Lincoln Parish 5 N Ruston	11	0115CST			0	0	0	0	Thunderstorm Winds
Strong winds blew down several trees and tree limbs.									
Red River Parish Coushatta	11	0115CST			0	0	0	0	Thunderstorm Winds
Damaging winds blew down several trees.									
La Salle Parish	11	0220CST			0	0	0	0	Thunderstorm Winds

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November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
								Winds downed several trees, some across power lines across the entire parish.
6 N Jena	11	0230CST			0	0	0 0	Thunderstorm Winds (G70)
								Winds blew down several trees two feet or larger in diameter.
LOUISIANA, Northeast								
Morehouse Parish 10 N Bastrop	11	0145CST			0	0	10K 0	Thunderstorm Winds
								Numerous trees were blown down. A barn and some other out buildings were damaged.
West Carroll Parish Kilbourne	11	0200CST			0	2	20K 0	Thunderstorm Winds
								A mobile home was destroyed and two people inside were injured. A couple of automobiles were damaged and numerous trees were blown down.
Franklin Parish Winnsboro	11	0200CST			0	2	25K 0	Thunderstorm Winds
								A mobile home was blown off its foundation and was totally destroyed. Two of the occupants inside the mobile home were injured.
East Carroll Parish Transylvania	11	0210CST			0	0	5K 0	Thunderstorm Winds
								Several shed were damage and several tree and power lines were blown down.
Richland Parish 3 W Archibald	11	0225CST			0	0	5K 0	Thunderstorm Winds
								Numerous shingles were blown off the roof of a house. Several trees were blown down.
Madison Parish 10 W Tallulah	11	0230CST			0	0	0 0	Hail (0.75)
LOUISIANA, Northeast Cont'd								
Concordia Parish Monterey	11	0300CST			0	0	3K 0	Thunderstorm Winds
								Several trees and power lines were blown down.
Tensas Parish Newellton	11	0300CST			0	2	50K 0	Thunderstorm Winds
								Two people were injured when the tractor-semitrailer wheeler they were driving was turned over. One of the people in the truck was seriously injured. Four mobile homes received substantial damage and three cars were destroyed.
LOUISIANA, Southeast								
Point Coupee Parish Morganza	02	0435CST			0	0	.5K 0	Thunderstorm Winds
								Sheriff's Office reported trees downed on Louisiana Highway 10.
Tangipahoa Parish Wilmer	02	0650CST			0	0	.5K 0	Thunderstorm Winds
								Sheriff's Office reported thunderstorm winds downed trees and hail of undetermined size.
St Tammany Parish 3 E Slidell	02	1050CST	.2	10	0	0	1K 0	Waterspout/ Tornado (F0)
								An apparent waterspout moved on shore snapped two pine trees and damaged two mobile homes in a mobile home park along Louisiana Highway 433.
Iberville Parish Plaquemine	02	1900CST			0	0	20K 0	Urban Flood
								Urban flooding caused minor damage to a dozen homes.
Plaquemine	02	1900CST			0	0	20K 0	Lightning
								Lightening started A fire in a furniture refinishing shop causing minor damage to the structure and contents.
West Baton Rouge Parish Brusley	11	0500CST			0	0	0 0	Thunderstorm Winds (G52)
St Tammany Parish Slidell	11	0515CST			0	0	.5K 0	Thunderstorm Winds
								A National Weather Service employee's plate glass window was shattered and outdoor grill damaged by thunderstorm winds. A tree at another employee's house was downed.
Orleans Parish New Orleans	11	0605CST			0	0	0 0	Thunderstorm Winds (G52)
								A 60 mph wind gust occurred at New Orleans Lakefront Airport.
LOUISIANA, Southwest								
Beauregard Parish DeRidder	01	1915CST			0	0	20K 0	Thunderstorm Winds
								One mobile home tipped over, one carport roof blown off, and metal skirting around another mobile home was ripped off.
Allen Parish Oakdale	01	2006CST			0	0	0 0	Thunderstorm Winds
								Tree blown down on Highway 10.
Rapides Parish Cheneyville	01	2040CST			0	0	30K 0	Thunderstorm Winds
								Tree blown down on mobile home. 12 utility poles snapped on Highway 71.

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
Evangeline Parish Turkey Creek	01	2050CST			0	0	0 0	Thunderstorm Winds Several trees and power lines blown down.
Avoyelles Parish Bunknie	01	2100CST			0	0	0 0	Thunderstorm Winds Several trees and power lines down.
Vermilion Parish Erath	02	0330CST			0	0	0 10K	Thunderstorm Winds (G70) Fields of sugar cane had crops damaged due to 80 mph winds.
Acadia Parish Duson	02	0410CST			0	0	2K 0	Thunderstorm Winds Sturdy shed destroyed due to high winds.
Lafayette Parish Lafayette	02	0430CST			0	0	.5m 0	Thunderstorm Winds Part of gynasium roof was blown off Northside High School. Several windows were blown out and one wall collapsed. Several homes in the area also received minor damage such as shingles torn off roofs, and trees blown down on sheds.
St Martin Parish Breaux Bridge	02	0445CST			0	0	50K 0	Thunderstorm Winds A warehouse on Mills Avenue had the roof and three walls collapse.
LOUISIANA, Southwest Cont'd								
Lafayette Parish Lafayette	02	0700CST			0	0	10K 0	Urban Flood Several homes in the River Oaks subdivison had five to 10 inches of water in residences.
St Martin Parish Breaux Bridge	02	1300CST			0	0	5K 0	Urban Flood Grand Point Road was closed due to high water. One home on Claston Simon Road had one inch of water in it.
Vernon Parish Leesville	11	0130CST			0	0	0 0	Thunderstorm Winds Several trees blown down.
Rapides Parish Ball	11	0300CST			0	0	0 0	Thunderstorm Winds Several trees blown down.
Allen Parish Kinder	11	0300CST			0	0	0 0	Thunderstorm Winds Two trees were blown down.
Acadia Parish Church Point	11	0430CST			0	0	2K 0	Thunderstorm Winds One utility pole snapped.
Vermilion Parish Abbeyville	11	0435CST			0	0	10K 0	Thunderstorm Winds Several utility poles snapped.
Lafayette Parish Lafayette	11	0445CST			0	0	10K 0	Thunderstorm Winds Aluminum siding ripped off three mobile homes on Alibaster Road.
MAINE								
MEZALL	11	2200EST-						
	12	1500EST			0	0	500K 0	High Winds (G66)
MEZ007-008-012>014	12	0800EST-						
-020-021	14	0100EST			0	0	400K 0	River and Stream Flood An approaching cold front and associated intense low pressure system brought destructive southerly winds to all of Maine and heavy rains to mountainous areas in the west. The winds blew down numerous trees, produced structural damage to buildings, ripped boats free from their moorings, and blew down one transmission tower while damaging others. Power was cut off to at least 115,000 homes and businesses statewide, the largest number since Hurricane Bob struck in 1991. Repair crews had to be called in from two other states and two Canadian provinces to help restore power. Heavy rain caused major river and stream flooding in western Maine. Several roads and a couple of bridges were washed out, and several highways had to be closed. The high waters later caused flooding in central Maine as they flowed down the Androscoggin and Kennebec Rivers.
MEZ015>017-023-029-030	14	2100EST-						
MEZ023>030	15	0900EST			0	0	? 0	High Winds
	15	0200EST-						
		1000EST			0	0	? 0	Urban and Small Stream Flood A low pressure system moving north through New England brought high winds and rain to Maine. This was the second storm in half a week, but was not nearly as destructive as the first. The wind damage was limited mainly to some downed trees and power lines over eastern and extreme southern Maine. Heavy rains occurred in coastal areas, producing localized flooding there.
MARYLAND, Northeastern								
MDZ008-012-015-019-020	11	1800EST-						
	11	2200EST			0	0		High Wind A very strong cold front blasted through the region the evening of the 11th. Southerly winds increased during the day and started gusting over 50 mph during the early evening. They peaked as the cold front moved through between 700 pm and 1000 pm. Trees and wires were reported down in every county. Delmarva Power and Light reported 2,500 customers lost power in Cecil and New Castle Counties with the greatest concentration (1,500) in Conowingo. Numerous wires were reported down in Centreville (Queen Anne's County). Also in Queen Anne's County in Grasonville, a garage was pushed off its foundation and

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property	Crops
siding was ripped from a house. In Easton (Talbot County), several displays at the Waterfowl Festival were damaged. As much colder air moved in later that evening, the rain briefly changed to snow before ending across the Eastern Shore.								
MDZ008 Cecil County	29	0200EST- 0830EST			0	0		
								First Snow
A series of weak low pressure systems moving northeast through Virginia and North Carolina gave Cecil County its first measurable snow of the season. Precipitation started as rain the evening of the 28th, and changed over to sleet and then snow from north to south during the early morning on the 29th. Accumulations averaged between one and three inches. Little, if any, snow fell farther south along the rest of the Eastern Shore. As is the case with the first snow of any season, it contributed to many traffic accidents.								
MARYLAND, Central								
MDZ002 High Terrain	11	1000EST- 1300EST			0	0	?	0
								High Winds
A sharp pressure gradient between a strong offshore anticyclone and a developing cyclone in the northern Ohio Valley produced very strong winds on the 11th. Sustained winds in excess of 4 mph, with gusts up to 66 mph, occurred at elevations above 2,500 feet in the western sections of Allegany County during the early afternoon of the 11th.								
MDZ003 N Portion	11	1800EST- 1830EST			0	0	30K	0
								High Winds
MDZ004 Countywide	11	1830EST- 1915EST			0	0	70K	0
								High Winds (G64)
MDZ009 Countywide	11	1845EST- 1930EST			0	0	80K	0
								High Winds
MDZ005 Countywide	11	1900EST- 1945EST			0	0	75K	0
								High Winds(64)
MDZ010 Countywide	11	1900EST- 1945EST			0	0	100K	0
								High Winds
MDZ006 Countywide	11	1930EST- 2015EST			0	0	80K	0
								High Winds
MDZ013 Countywide	11	1930EST- 2015EST			0	0	75K	0
								High Winds
MDZ014 Countywide	11	1930EST- 2015EST			0	0	75K	0
								High Winds (G59)
MDZ011	11	1950EST- 2015EST			0	0	125K	0
								High Winds
The strong winds which earlier afflicted higher elevations of extreme western Maryland earlier in the day were transported to the lower elevations through lines of showers during the afternoon of the 11th. The major blow was struck when an intense line of showers, with embedded thunderstorms, raced across central Maryland during the late afternoon and early evening. A contributing meteorological factor to the line's intensity was a 30 degree temperature contrast over a 50 mile-wide area. Wind gusts in excess of 60 mph were common, with peak gusts of 72 mph recorded in Middletown (Frederick County; MDZ004) and Westminster (Carroll County; MDZ005). The winds caused sporadic damage, primarily in the form of hundreds of felled trees, some which caused substantial damage to personal property including homes and vehicles, minor roof/shingle damage, and [hundreds] of downed wires. Eighty-seven emergency service calls were received in Carroll County for trees and limbs blocking roads, as well as on a few automobiles and homes. In Libertytown (Frederick County), a 70-foot HAM radio tower was blown down. In nearby Myersville, a chimney was ripped of a home and another home had its roof snapped. In Rockville (MDZ009), numerous large limbs from Bradford pear trees were blown down. In Baltimore City, several fires broke out as a result of "live" downed wires. In Anne Arundel County (MDZ014), 15 calls were received by emergency dispatch operators for trees and limbs on homes, and a motorist was trapped in his automobile between a fallen tree and a live wire. On the Chesapeake Bay near Annapolis, a 42-foot sailboat was found capsized, but the occupants had evacuated the craft prior to the storm. At 1920 EST, in Savage (SE portion of MDZ010), four large oak trees were uprooted, with two falling onto homes. One home was condemned when its roof was crushed; another sustained substantial shingle and gutter damage. Portions of surrounding fence were damaged, and a shed was partially destroyed. Power outages were widespread across Maryland. Statewide, an estimated 270 thousand customers lost power during the storm. In the Baltimore Gas and Electric districts alone, 80 to 90 thousand customers lost power; at least 30 thousand customers lost power from the immediate suburbs of Washington, D through lower southern Maryland.								
Charles County 2 SW La Plata	11	2010EST- 2015EST			0	0	125K	0
								Thunderstorm Winds
An apparent microburst knocked down tens of trees along Chapel Point Road near State Route 6 in the Port Tobacco area just southwest of La Plata. Several large oaks were among them, and one caused \$100 thousand in damage to a home. Physicians Memorial Hospital in Waldorf reported four times the usual Saturday night "business"; however, whether any of the services were storm related (to injury) was not determined.								
Harford County Dublin	11	2030EST	0.5	100	0	0	25K	0
								Tornado(F0)
A small tornado uprooted 40 to 50 trees, including many hardwoods, at a farm residence in extreme northeast Harford County. Two homes sustained roof damage from some of the fallen trees.								
St Mary's County SE portion	11	2045EST- 2100EST			0	0	50K	0
								Thunderstorm Winds

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November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
A severe thunderstorm produced a microburst which caused substantial tree damage, and minor damage to a home and shed, near Sotterley. Isolated instances of downed trees were noted in an area bounded by Hollywood and Lexington Park.									
St Mary's County Hollywood	11	2100EST- 2110EST	0.8	75	0	0	75K	0	Tornado(F0)/ Microburst
MARYLAND, Central Cont'd									
A combination gustnado and microburst struck near Hollywood, downing numerous pine and hardwood trees. Fallen trees caused minor damage to three homes, including stripped siding and a limb through a window. The apparent gustnado had a very short and narrow track (0.3 miles long, 25-yards wide) and was embedded within the microburst.									
St Mary's County Patuxent River Naval Air Station	11	2110EST	0.1	50	0	0	5K	0	Tornado(F0)
Naval weather observers reported a gustnado on the ground at 2110. The storm blew out automobile windows on base, and destroyed a wooden missile mock-up.									
Calvert County Solomons	11	2110EST- 2115EST			0	0	25K	0	Thunderstorm Winds
The same thunderstorm which produced combination downbursts and gustnados in southeast St Mary's County produced additional damage along the north shore of the Patuxent River from Solomons through the Chesapeake Ranch Estates. Numerous trees were uprooted or snapped, including a 100-foot tall oak which crashed onto a vehicle.									
MDZ002 W portion	11	1930EST- 2000EST			0	0	0	0	Heavy Snow
MDZ004 NW portion	11	2130EST- 2200EST			0	0	0	0	Heavy Snow
MDZ003 NE portion	11	2130EST- 2200EST			0	0	0	0	Heavy Snow
MDZ005 Manchester	11	2230EST- 2300EST			0	0	0	0	Heavy Snow
The cold front which produced damaging wind gusts earlier in the evening brought sharply colder temperatures to all of central and northern Maryland by midnight on the 12th. Rain changed to snow shortly after frontal passage. A strong upper-level disturbance over northeast Kentucky provided the energy for convection, in the form of thunder snow, which caused local enhancements of precipitation over northern Maryland. Higher piedmont areas, which reported convective snow, received between two and five inches, with five inches falling in Manchester (Carroll County), and four to six inches across parts of western Frederick, eastern Washington, and western Allegany County. Elsewhere, lower elevations in the piedmont received one to three inches, while elevations above 1,500 feet received four to six inches, all between 2100 and midnight.									
MDZ002	14	1130EST- 0200EST			0	0	34K	0	Heavy Snow
MDZ003	14	1130EST- 2300EST			0	0	176K	0	Heavy Snow
MDZ004	14	1130EST- 2200EST			0	0	17K	0	Heavy Snow
The first nor'easter of the 1995/96 winter season intensified off North Carolina's Outer Banks. Circulation around the storm brought deep moisture into the entire Mid-Atlantic region. In western Maryland, the precipitation fell mainly in the form of snow. Snowfall varied greatly with elevation, a common occurrence with early-season coastal storms due to sharp temperature differences from sea level to the Allegheny Plateau. Lower elevations east of the Allegheny Plateau but west of the Blue Ridge received from two to six inches. Elevations above 1,500 feet received six to 16 inches. Snowfall maxima occurred in western Allegany County near Frostburg (12 to 16 inches), and along higher peaks in western Washington County (10 to 12 inches). Conversely, the higher ridges of Frederick County received four to six inches. The heavy wet snow caused numerous utility problems, from downed trees and lines. Damage was estimated at \$225 thousand to trees down on lines and to the lines themselves. Nearly 4,000 customers were without power at the height of the storm. In Allegany County (MDZ002), hundreds of tractor-semitrailer rigs had to pull off the highway due to loss of traction and plowing operations.									
MDZ002	29	0030EST- 0300EST			0	0	0	0	Heavy Snow
MDZ004	29	0500EST- 0530EST			0	0	0	0	Heavy Snow
MDZ005	29	0530EST- 0600EST			0	0	0	0	Heavy Snow
A wave of weak low pressure, developing along a stationary front in central North Carolina, combined with an upper-level impulse west of the region to produce a burst of heavy wet snow over portions of north central Maryland. Earlier that morning, another band of moderate to heavy snow fell over portions of Allegany County. Interestingly, Washington County received only one to three inches of snow. In Allegany County, snowfall generally ranged from four to six inches. In portions of Frederick and Carroll Counties, snowfall measured around four inches.									
MARYLAND, Southern									
Dorchester County Cambridge	11	2125EST- 2140EST			0	0	0	0	Thunderstorm Winds
Windows blown out of bowling alley. Numerous trees and power lines down. Minor damage to home in Hurlock.									
Somerset County Crisfield									

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November 1995										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
MARYLAND, Southern Cont'd										
Smith Island	11	2135EST- 2150EST			0	0	\$50K	0	Thunderstorm Winds (G79)	
Ninety-one mph wind reported at Crisfield. Seventy-five mph wind reported at Smith Island. Several moorings damaged in Smith Island. Numerous trees and power lines and three homes damaged in Crisfield. Trees and power lines down other parts of county as well.										
Wicomico County Sharptown Mardela Spings	11	2145EST			0	0	0	0	Thunderstorm Winds	
Trees down both locations.										
Wicomico County Salisbury	11	2157EST			0	0	\$30K	0	Thunderstorm Winds	
Numerous power lines down and poles snapped. Trees down, some caused damage to buildings.										
Wicomico County Parsonsbury Pittsville, Willards Powellville	11	2210EST			0	0	\$40K	0	Thunderstorm Winds	
Several power poles snapped off. Trees were downed. Roofs off two chicken houses in Parsonsbury; one chicken house destroyed and VFW damaged in Powellville.										
Worcester County 4 N Snow Hill	11	2220EST	.5	50	0	0	\$5K	0	Tornado (F0)	
Brief tornado touchdown in generally open farm area approximately four miles north of Snow Hill. Tornado path was bisected by Route 354 (about one-quarter mile north of Porters Crossing Road) on a WSW to ENE track. Numerous trees uprooted or snapped/twisted off. No structural damage, although farm house within 50 feet of tornado path was left completely untouched.										
Worcester County 10 W Ocean City	11	2235EST			0	0	0	0	Hail (1.00)	
One-inch hail damaged a car windshield.										
Worcester County Ocean City	11	2245EST			0	0	\$1M	0	Thunderstorm Winds	
Microburst caused extensive damage to a several block area (65th to 74th streets) in Ocean City. Roof damage, some significant, to several motels, homes and restaurants. One older home completely unroofed. Numerous boats in dry dock were overturned and damaged or destroyed by the microburst. Flying debris caused other minor structural damage. Approximately 15 power poles were snapped off, and numerous signs were damaged or destroyed. Power out to 7,300 customers. Winds estimated between 75 and 100 mph.										
MARYLAND, Western										
MDZ001 Garrett County	08	0400EST- 1600EST			0	0	0	0	Heavy Snow	
Heavy snow totalled six to eight inches deep across the county. The snowfall was Lake Effect Enhanced from winds that fetched across Lake Huron and Lake Erie.										
MDZ001 Garrett County	11 12	1600EST- 0400EST			0	0	0	0	Heavy Snow	
Heavy snow fell across the mountainous areas of western Maryland behind a strong cold front that pushed through on the 11th during the mid-afternoon hours. Snowfall totalled six to seven inches in Oakland.										
MDZ001 Garrett County	14 15	0800EST- 0800EST			0	0	4K	0	Heavy Snow	
An early and major winter storm developed over the Carolinas on the 14th and pushed north, spreading heavy snow into western Maryland. Twenty-eight inches of snow fell in Oakland. Upwards of three feet of snow fell in the highest elevations of the county. Some limbs and power lines fell under the weight of the heavy, wet snow.										
MDZ001 Garrett County	29	0000EST- 1000EST			0	0	0	0	Heavy Snow	
A storm system over North Carolina moved off the Virginia coast by late morning. The storm quickly dumped seven to eight inches of snow across the county.										
DISTRICT OF COLUMBIA										
DCZ001	11	1950EST- 2010EST			0	0	100K	0	High Winds	
Several trees and limbs were knocked down by high winds. Some fell onto cars, and a few onto homes. Power was knocked out to several thousand residents during the peak of the event.										
MASSACHUSETTS, Central and Eastern										
MAZ002>024	12	0000EST- 0700EST			0	0	?	0	High Winds	
A deep low pressure system moved northeastward across the St. Lawrence valley and its associated cold front moved eastward across the state. The cold front was preceded by strong to gale force southeast to south winds. Most of the state had wind gusts reported up to 50 mph with some gusts reaching over 60 mph. The Blue Hill Observatory in Milton recorded a peak gust to 81 mph from the south-southeast at 0447. At Logan International Airport in Boston a peak gusts to 61 mph was recorded at 0410.										

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
while Chatham, on Cape Cod, had 70 mph around 0600. Numerous trees and limbs fell onto power lines resulting in scattered outages. About 30,000 electric customers lost power statewide. A roof was reported blown off a house in New Bedford. Some homes and autos were damaged by falling trees and limbs.									
Franklin County Shatuckville	12	0500EST- 0900EST			0	0	0	0	Flash flood
The North River exceeded flood stage for several hours rising to 9.9 feet. Flood stage is eight feet.									
Hampshire County Huntington	12	0500EST 0900EST	0		0	0	0		Flash Flood
The West Branch of the Westfield River exceeded flood stage for several hours rising to 9.1 feet. Flood stage is nine feet.									
Franklin County W. Deerfield	12	0530EST- 1200EST			0	0	0	0	Flash flood
The Deerfield River exceeded flood stage for several hours rising to 28 feet. Flood stage is 25 feet.									
MAZ005-007-014>024	14	1800EST-			0	0	0	0	Heavy Rain
MAZ004>024	15	0600EST			0	0	0	0	Heavy Rain
	14	1700EST-			0	0	?	0	High Winds
	15	0300EST			0	0	?	0	High Winds
An intensifying low pressure system moving northward from the Delmarva Peninsula coupled with a strong high pressure system over Newfoundland to produce a tight pressure gradient resulting in strong to gale force east winds. The strongest winds occurred along the Massachusetts east coast and over Cape Cod and the Islands. Wind gusts over 40 mph were reported from the higher elevations of central Massachusetts. Some peak gusts included: Boston, 54 mph; Stoneham, 54 mph; Blue Hill, Milton, 64 mph; Scituate, 55 mph; Chatham, 60 mph; and Nantucket, 63 mph. Scattered power outages occurred throughout. One eastern Massachusetts utility company reported more than 11,000 electric customers lost power. The Merrimack Valley area was hardest hit. Along the coast, astronomical tides were not unusually high so no significant coastal flooding occurred. Heavy rainfall accompanied the storm with totals of two to five inches quite common along east coastal areas. Most of the rain fell over a fifteen hour period. The greatest totals of almost five inches were reported from Essex County where Essex had 4.90 inches, Ipswich, 4.65 inches and Manchester-by-the-Sea, 4.59 inches. South of Boston, Plymouth reported 4.27 inches and Martha's Vineyard, 4.00 inches. Street flooding occurred in the usual flood prone areas such as the Dewey Square tunnel in Boston where water reached a depth of five inches during the storm.									
MASSACHUSETTS, Western None Reported.									
MICHIGAN, Central and Western Upper									
MIZ 002>004-009 West Upper Michigan	03 04	1200EST- 1200EST			0	0	0	0	Heavy Lake Snow
A trough of low pressure bringing cold air combined with northwest winds brought heavy lake effect snow to portions of West Upper Michigan. The heaviest snowfall was at Ironwood with 12 inches and Alberta with 10 inches. Most locations received between four and six inches of snow.									
MIZ 002>007-009-010 West and Central Upper Michigan	07 08	0000EST- 1500EST			0	0	0	0	Heavy Lake Snow
Strong northwest winds along with cold air behind a cold front produced isolated areas of heavy lake effect snow downwind from Lake Superior. Maximum snowfalls of 11 inches were reported at Paint Lake 10 miles south of Kenton and between Trenary and Chatam. Four to eight inch snowfalls were common between Ironwood, Kenton and Big Bay.									
MIZ 002-003-009 West Upper Michigan	20 21	0800EST- 2300EST			0	0	0	0	Heavy Lake Snow
Northwest winds behind a cold front brought heavy lake effect snow to Far West Upper Michigan. Ironwood reported 11 inches of snow and a narrow area of eight plus inches of snow extended east to Rockland and was confined to higher elevation areas.									
MICHIGAN, North Central None reported.									
MICHIGAN, Eastern Upper None reported.									
MICHIGAN, Northern None reported.									
MICHIGAN, Western									
MIZ56-57-64-71 Southwest Lower	11	0700EST- 1300EST			0 0	0 0	0 5.0K	0 0	Heavy Snow High Winds (G52)
From three to seven inches of snow were reported across Ottawa and Kent Counties within the six hour period. The heavy snowfall combined with high winds caused widespread power outages due to tree limbs falling and lines breaking. In South Haven a garage roof was destroyed by a falling tree. Power outages affected more than 50,000 people.									
MIZ37>40-43>46- 50>52-56>57 West Central Lower	27 28	0700EST- 0100EST			0	0	0	0	Heavy Snow
Some freezing rain and sleet created slippery roads in parts of west central lower Michigan early in the day, preceding heavy snowfall that blanketed the entire area during the afternoon and evening. Snow totals ranged from four inches in Ottawa and									

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property	Crops	Character of Storm
					Killed	Injured				
MICHIGAN, Eastern										
southern Kent Counties to as much as 14 inches in parts of Mason, Lake, Osceola and Mecosta Counties. The community of Lowell experienced a total power outage lasting for six hours due to icing on a main line.										
Macomb County										
Fraser										
	11	1200EST-			0	0	0	0		River Flood
	11	2200EST								
Low pressure tracked from the central plains northeast across southeast Michigan during the day on the 11th. Rainfall amounts from the 10th through the 11th amounted to 0.88 inches at Detroit, and 2.38 inches at Flint. At noon on the 11th, the Clinton River at Fraser exceeded its official flood stage of 13.0 feet, cresting at 13.3 feet by 1300. The river receded below 13.0 feet during the evening on the 11th. No damage was reported.										
MIZ047>048-053-										
East Central										
Lower										
	27-									
	28	0400EST			0	0	0	0		Heavy Snow
A powerful low pressure system tracked from Missouri northeast across extreme southeast lower Michigan on the 27th and early on the 28th. The rain/snow line developed about midway between Saginaw and Flint during the afternoon on the 27th, and remained nearly stationary until late evening. As a result, heavy snow fell across the Saginaw area, while less than an inch of snow was observed at Flint, just 40 miles to the south. The heaviest accumulation in southeast Michigan occurred at the tri-cities airport near Saginaw, where 11 inches was reported. Even within the snow area, accumulations were quite variable, with most places reporting four to eight inches in a band from Saginaw through Huron County. The snow resulted in numerous car accidents and several school closings.										
MINNESOTA, Northeastern										
MNZ019-										
Northeast MN										
	24	1200CST-			0	0	0	0		Heavy snow
		1600CST								
Six inches of snow fell in Babbitt, of central St. Louis County.										
MNZ037-025-										
Northeast MN										
Northcentral MN										
	25	2200CST-			0	0	0	0		Heavy Snow
		0330CST								
Six to eight inches of snow fell south of Duluth, or from Cluquet to through Nickerson in Carlton County. Six and one-half inches of snow fell in Walker, of Cass County, during the same storm.										
MINNESOTA, Central and South Central										
MNZ054-056>060-										
062>070-076>078										
Portions of										
Central MN										
	26	1500CST-								
	27	0700CST			0	0	?	0		Heavy Snow
Narrow band of five to eight inch snowfall from west central Minnesota around Canby and Granite Falls to east central Minnesota. Including much of the Twin Cities metro area.										
MINNESOTA, Southwest										
None reported.										
MINNESOTA, West Central										
None reported.										
MISSISSIPPI, Northern										
Panola County										
Como										
	11	0130CST			0	0	.01M	0		Thunderstorm Winds
A mobile home lost part of its roof. Many objects in the house were scattered, broken and displaced. Several other houses suffered minor damage including missing shingles from roofs, destroyed and displaced utility sheds and damaged porches.										
Union County										
New Albany										
	11	0245CST			0	0	.01M	0		Thunderstorm Winds
Numerous trees were blown down.										
Tippah County										
Ripley										
	11	0315CST			0	0	2K	0		Thunderstorm Winds
Several large tree limbs were knocked down.										
MISSISSIPPI, Central										
Lamar County										
Purvis										
	02	0805CST			0	0	20K	0		Thunderstorm Winds
Several trees were blown down. Two houses had minor damage and one dairy barn had major structural damage.										
Lamar County										
4 N Lumberton										
	02	0820CST			0	0	20K	0		Thunderstorm Winds
Two houses received minor roof damage and several trees were blown down.										
Forrest County										
Hattiesburg										
	02	0825CST			0	0	2K	0		Thunderstorm Winds
Several trees were blown down in the southern part of Hattiesburg.										
Bolivar County										
Shaw										
	11	0150CST			0	0	10K	0		Thunderstorm Winds
Part of the roof of a building was blown off and one car was damaged.										
Sharkey County										
Delta City										
	11	0230CST			0	0	5K	0		Thunderstorm Winds
The roofs of several farm buildings were destroyed.										

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Sharkey County Nitta Yuma	11	0230CST			0	0	30K	0	Thunderstorm Winds
		Two mobile homes were totally destroyed.							
Warren County	11	0240CST			0	0	20K	0	Thunderstorm Winds
		Numerous trees and power lines were blown down all over the county.							
Lefflore County Greenwood	11	0245CST			0	0	1K	0	Thunderstorm Winds
		Several trees were blown down in the city.							
Grenada County 2 S Grenada	11	0250CST			0	0	2K	0	Thunderstorm Winds
		Several trees and one power line was blown down.							
Yazoo County Yazoo City	11	0300CST			0	0	10K	0	Thunderstorm Winds
		Several trees were blown down in Yazoo City and two in Benton. A home was damaged in Yazoo City when a tree fell on it.							
Madison County	11	0310CST	15	200	0	2	500K	0	Tornado (F3)
		The tornado began at 0310 five miles west-southwest of Flora and traveled in an easterly direction and lifted five miles southwest of Canton at around 0330. Three mobile homes were totally destroyed. A two story house was almost totally destroyed and two of the occupants were injured. A pickup truck in front of this house was picked up and hurled into a lake nearly 100 yard behind the house. At least five houses had roof damage. Two houses under construction were leveled. Numerous trees, fences, and small buildings were blown down along the path of the tornado.							
Franklin County 2 W Roxie	11	0320CST			0	0	1K	0	Thunderstorm Winds
		Several trees were blown down along Highway 33.							
Attalla County Kosciusko	11	0325CST			0	0	10K	0	Thunderstorm Winds
		Several trees were blown down. One of the trees fell on a car and crushed it.							
Hinds County	11	0330CST			0	0	5K	0	Thunderstorm Winds
		Numerous trees were blown down all across the county.							
Choctaw County Weir	11	0330CST			0	0	5K	0	Thunderstorm Winds
		Numerous trees were blown down.							
Rankin County Sand Hill	11	0355CST			0	0	2K	0	Thunderstorm Winds
		Several trees were blown down.							
Simpson County Braxton	11	0355CST			0	0	15K	0	Thunderstorm Winds
		A mobile home was torn apart by thunderstorm winds.							
Leake County Carthage	11	0400CST			0	0	2K	0	Thunderstorm Winds
		Several trees were blown down.							
Scott County Forest	11	0400CST			0	0	2K	0	Thunderstorm Winds
		Several trees were blown down.							
Simpson County Magee, Mendenhall	11	0400CST			0	0	5K	0	Thunderstorm Winds
		Numerous trees and power lines were blown down.							
MISSISSIPPI, Central Cont'd									
Simpson County Martinsville	11	0415CST			0	0	5K	0	Thunderstorm Winds
		The roof of a two story house was partially blown off.							
Oktribbeha County Starkville	11	0415CST			0	0	3K	0	Thunderstorm Winds
		Numerous trees were blown down throughout the city of Starkville.							
Neshoba County 6 SW Dixon	11	0420CST			0	0	40K	0	Thunderstorm Winds
		One mobile home was destroyed. One mobile home had severe damage. Two houses had moderated damage. Numerous trees and power lies were blown down across the southwest part of the county.							
Winston County 7 NW Louisville	11	0420CST			0	0	3K	0	Thunderstorm Winds
		Twenty or more trees were blown down. A tree over a railroad caused three engines to derail.							
Smith County Polkville	11	0420CST			0	0	2K	0	Thunderstorm Winds
		Several trees were blown down.							
Lawrence County Monticello	11	0425CST			0	0	3K	0	Thunderstorm Winds
		Numerous trees were blown down.							

Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
					Killed	Injured		
Neshoba County Philadelphia	11	0435CST			0	0	2K 0	Thunderstorm Winds Several trees were blown down.
Winston County High Point	11	0435CST			0	0	2K 0	Thunderstorm Winds Several trees were blown down.
Smith County Raleigh	11	0435CST			0	0	50K 0	Thunderstorm Winds A radio tower was blown off the roof of the sherifs office. Two chimneys were blown off of the courthouse. The roofs of several business and homes were damaged. Numerous trees and limbs were blown down.
Covington County	11	0455CST	7.0	400	0	2	500K 0	Tornado F3 The tornado started at 0455 am one mile south of Mount Olive and moved east and lifted two miles northeast of Smith at 0505. Seven homes were severely damaged or destroyed. There were an unknown number of houses with at least some damage. Three mobile homes were destroyed. Three metal building were severely damaged. Numerous cars were totalled or severely damaged. Numerous trees were blown down along the path. Four chicken houses were demolished and nearly 20,000 chickens perished. The two injuries occurred in one of the mobile homes.
Kemper County 2 S DeKalb	11	0455CST			0	0	2K 0	Thunderstorm Winds Several trees were blown down..
Lauderdale County 5 W Meridian	11	0505CST			0	0	2K 0	Thunderstorm Winds (G58) Several trees were blown down at Lost Gap.
Newton County Chunky	11	0510CST			0	0	2 0	Thunderstorm Winds Several trees were blown down.
Noxubee County 17 SW Macon	11	0510CST			0	0	2K 0	Thunderstorm Winds Several trees and power lines were blown down.
Jones County Shady Grove	11	0518CST			0	0	20K 0	Thunderstorm Winds One mobile home was destroyed and numerous trees and power lines were blown down.
Lauderdale County Collinsville	11	0520CST			0	0	3K 0	Thunderstorm Winds (G52) Numerous trees were blown down.
Clarke County Stonewall	11	0525CST			0	0	2K 0	Thunderstorm Winds Several trees were blown down.
Lamar County 2 N Baxterville	11	0600CST			0	0	2K 0	Thunderstorm Winds Several trees were blown down.

MISSISSIPPI, Southeast

**MSZ067-075-076-
078-079
Southeast
Mississippi**

11	0500CST- 0800CST				0	0	30K 0	Thunderstorm Winds
Early Saturday morning a squall line moved through Southeast Mississippi. The squall line split between 0630 and 0700 over Perry and Greene Counties. The northern part of the line moved into Choctaw and Washington Counties in Alabama and the southern part of the line moved into Mobile County. Widespread straight line wind damage was observed throughout the area. Most of the damage was from trees and power lines being blown down. In some instances the trees fell onto some homes causing damage. Following are some of the damage reports received: Trees and power lines were blown down along State Highway 42 near Richton (Perry County). Several large trees and power lines were blown down in the southeast part of Wayne County, just west of U S Highway 45, near Pine Bluff (just northeast of State Line). A tin roof on a barn was also blown off. Trees and power lines were blown down around Sand Hill (Greene County). Trees and power lines were blown down along State Highway 26 around Wiggins and Rosette (Stone County). Trees and power lines were blown down between Oak Grove and Thompson Hill (Perry County). Trees and power lines were blown down in Leaksville (Greene County). Trees and power lines were blown down in Lucedale (George County). The squall line moved out of Southeast Mississippi and into Southwest Alabama around 0730 CST.								

MISSISSIPPI, Southern

Pearl River County 10 S Poplarville	02	2000CST			0	0	? 0	Hail (1.75) Sheriff's Office reported golf ball-size hail.
Walthall County 2 N Tylertown	11	0515CST	3	20	0	0	40K 0	Tornado (F1) A tornado touched down along an intermittent path, destroying a large barn and damaging a shed and two house roofs. Approximately 100 trees were reported knocked down along the tornado path.

Storm Data and Unusual Weather Phenomena

November 1995

November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
MISSOURI, Eastern								
Montgomery County Wellsville	10	1505CST			0	0	3K 0	Thunderstorm Winds
Thunderstorm winds downed seven power poles in Wellsville, causing power outages in a large part of the city.								
MISSOURI, Southeastern								
Ripley County Western	10	2245EST			0	0	0 0	Thunderstorm Winds (G52)
Forest service personnel reported trees down on a forest service road in the Mark Twain National Forest.								
Butler County Eastern	10	2325EST			0	0	0 0	Thunderstorm Winds (G52)
A few small trees were downed by winds estimated around 60 mph.								
Southeast MO MOZ076-086-087 -100-107>112-114	15	0300EST- 0900EST			0	0	0 0	Early Snow
Snow accumulated from one to three inches across southeast Missouri. Charleston and Fredericktown both reported three inches, while Marble Hill measured 2.5 inches. Other reporting stations around southeast Missouri measured two inches or less.								
MISSOURI, Lower								
None reported.								
MISSOURI, Southwestern								
Dade County Lockwood	10	1520CST			?	?	50K 0	Hail (2.00)
A thunderstorm with one to two inch hail heavily damaged homes in and around Lockwood.								
Jasper County 4 E Jasper	10	1535CST			?	?	0 0	Hail (1.00)
Dade County Greenfield	10	1600CST			?	?	0 0	Hail (1.00)
Polk County Eudora	10	1602CST			?	?	0 0	Hail (2.75)
Morrisville	10	1610CST			?	?	0 0	Hail (1.00)
Dallas County 2 S Buffalo	10	1615CST			?	?	0 0	Hail (0.88)
Lawrence County Freistatt	10	1615CST			?	?	0 0	Hail (1.75)
Morgan County Gravois Mills	10	1620CST			?	?	0 0	Hail (1.75)
Lawrence County Mt Vernon	10	1640CST			?	?	0 0	Hail (0.75)
MISSOURI, Southwestern Cont'd								
Greene County Willard	10	1646CST			?	?	10K 0	Hail (2.50)
Hail, up to the size of tennis balls, was reported across several locations around Springfield, along with the surrounding counties. In Willard, tennis ball-size hail broke automobile windows and damaged roofs.								
Laclede County 5 W Lebanon to 5 SE Lebanon	10	1650CST- 1710CST	10	200	0	0	3M 0	Tornado (F2)
A tornado skipped across the Lebanon area, destroying several buildings including the Tracker Marine plant, and heavily damaging another 30 homes.								
Christian County 5 NW Nixa	10	1703CST			?	?	0 0	Thunderstorm Winds
Webster County Elkland	10	1705CST			?	?	0 0	Hail (1.00)
Laclede County Conway	10	1710CST			?	?	0 0	Hail (1.00)
Barry County Wheaton	10	1710CST			?	?	0 0	Hail (1.75)
Greene County Springfield	10	1714CST			?	?	0 0	Hail (1.00)
A line of severe thunderstorms continued to move through southern Missouri, producing up to golf ball-size hail and an estimated 70 mph winds.								
Pulaski County Palace	10	1740CST			?	?	0 0	Hail (1.75)
A severe thunderstorm produced golf ball-size hail. There were also several reports of brief tornadoes, none of which could be confirmed.								
Greene County 3 SE Turner	10	1745CST			?	?	0 0	Hail (1.00)
Barry County 1 E Golden	10	1747CST			?	?	0 0	Hail (1.75)
Laclede County 2 NW Nebo	10	1750CST			?	?	0 0	Hail (0.75)
Christian County Ozark	10	1753CST			?	?	0 0	Hail (2.00)
Webster County								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Roggersville	10	1800CST			?	?	0	0	Hail (1.00)
Stone County									
Kimberling City	10	1805CST			?	?	0	0	Hail (1.75)
	One to two inch hail was reported at numerous locations across the region. Numerous automobiles were damaged by golf ball-size hail in Branson West. Severe thunderstorm winds also downed trees and limbs at Roaring River State Park.								
Pulaski County									
Devils Elbow	10	1810CST			?	?	0	0	Thunderstorm Winds
	Thunderstorm winds downed trees with an estimated 80 mph wind.								
Laclede County									
Evening Shade	10	1816CST			?	?	0	0	Hail (0.75)
Taney County									
3 W Branson	10	1820CST			?	?	0	0	Hail (1.75)
Douglas County									
Dogwood	10	1845CST			?	?	0	0	Thunderstorm Winds
	Thunderstorm winds downed trees from Dogwood to Good Hope.								
Wright County									
Mountain Grove	10	1905CST			?	?	0	0	Hail (0.88)
Taney County									
Protom	10	1910CST			?	?	0	0	Hail 175
Texas County									
Licking	10	1915CST			?	?	0	0	Hail (0.75)
Douglas County									
Vera Cruz	10	1920CST			?	?	0	0	Hail (1.75)
Dent County									
Salem	10	1950CST			?	?	5K	0	Thunderstorm Winds
Douglas County									
Ava	10	1955CST			?	?	0	0	Thunderstorm Winds
Ozark County									
Gainesville	10	1955CST			?	?	0	0	Hail (0.75)
Hardenville	10	2001CST			?	?	0	0	Thunderstorm Winds
Howell County									
West Plains	10	2010CST			?	?	0	0	Thunderstorm Winds
Ozark County									
2E Tecumseh	10	2020CST			?	?	0	0	Hail (1.75)
Howell County									
Caufield	10	2030CST			?	?	0	0	Hail (0.75)
MISSOURI, Southwestern Cont'd									
Severe thunderstorms moved into south central Missouri, producing up to golf ball-size hail. Thunderstorm winds downed trees in West Plains and limbs in the Hardenville and Ava areas, and power lines were blown down in Salem.									
Oregon County									
Koshkonong	10	2145CST			?	?	0	0	Thunderstorm Winds (G52)
MISSOURI, Northwestern									
MOZ001>008-011>017-020>025-037>040-043>046-053-054-067									
Northwest, Central and West-Central Missouri									
	10	1600CST-							
	11	0100CST			0	0	0	0	Snow, Ice
The first snowfall of this season deposited one-half to one inch of snow over the region with a few locations receiving up to two inches. Officially .3 inches was recorded at Kansas City International Airport. Driving was hazardous and there were numerous reports of traffic accidents. Several hours of freezing rain and sleet laid down a thin layer of ice on many roadways before the changeover to snow.									
MONTANA									
MTZ001>005									
	06	1200MST-							
	07	0000MST			0	0	0	0	Winter Storm
The first major snow storm of the season brought four to seven inches of snow to the western valleys and a foot or more to the mountains of western Montana.									
MTZ007									
	08	0703MST			0	0	?	0	High Winds
Strong winds blew a tractor-semitrailer off the road on Interstate 90, 14 miles east of Livingston. There were no injuries reported. Wind gusts to 71 mph were recorded at Livingston that same morning.									
MTZ003-004									
Mountains									
	09	0000MST-							
	11	1200MST			0	0	0	0	Heavy Snow
Six to nine inches of snow fell in several locations, mainly in the Rocky mountains. St. Mary's, in northwest Montana, had 13 inches.									
MTZ001									
	11	0000MST-							
		1200MST			0	0	0	0	Heavy Snow
Four to six inches of snow fell in the valleys of northwest Montana with up to nine inches in the Mountains.									
MTZ003-005-006									
	18	1100MST-							
		1600MST			0	0	?	0	High Winds (G77)
Strong westerly and southwesterly winds blew several vehicles off highways and caused spotty damage across central Montana. Vehicles were blown off the road near Moore, Sunburst, Hays, and Brady. A gust of 89 mph was recorded at Choteau at 1426. A stationary mobile home was tipped over at Cut Bank, where a gust of 72 mph was recorded. In Chester, several roofs were damaged, signs were blown down, and a 40x80 foot barn was picked up and crushed when it came back down to the ground.									

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured	Property		
MTZ007	19	0600MST- 1200MST			0	0	?	0	High Winds
			Sustained winds of 45 to 55 mph with gusts to 60 mph at Livingston caused several power outages.						
MTZ003-004-007	26 28	1200MST- 1200MST			0	0	0	0	Winter Storm
			A winter storm dropped over a foot of snow in many locations in southwest and south central Montana. Some higher total included 14 inches at Bozeman, 15 at Hebgen Dam, 16 at Fishtail, 17 at West Yellowstone, and 18 inches at Red Lodge. Del Bonita, in northwest Montana, also received 16 inches from this storm.						
MTZ001-002	30	0000MST- 2400MST			0	0	?	0	Flood
			A week of off and on rains caused several creeks and rivers to flood across western Montana. Several roads were washed out, mainly in Sanders and Mineral Counties. Basements were flooded in Libby and in some houses northwest of Missoula.						
NEBRASKA, Extreme Northeast									
			None reported.						
NEBRASKA, Eastern									
NEZ010-011- 017-018	19 20	0000CST- 1800CST			0	0	0	0	Winter Storm
			Locally heavy snow and winds gusting to 50 mph produced near blizzard conditions across northern Nebraska. Schools were closed at Verdigre, Orchard, and Wausa. O' Neill reported 11 inches of snow and six to eight foot drifts.						
NEBRASKA, South Central									
			None reported.						
NEBRASKA, Extreme Southwest									
			None reported.						
NEBRASKA, Western									
			None reported.						
NEVADA									
NVZ003 Extreme Western Nevada	09	1525PST			0	0	0	0	High Winds (G52)
			A cold front passed over Northern Nevada and kicked up gusty winds. A gust of 60 mph was reported by a spotter in Gardnerville.						
NVZ003 Extreme Western Nevada	25				0	0	?	0	High Winds (G57)
			A strong cold front brought gusty winds to northern Nevada. Gusts up to 66 mph damaged a fence and some signs in Minden.						
NEW HAMPSHIRE, Northern and Central									
NHZALL	11 12	2030EST- 1030EST			0	0	400K	0	High Winds (G65)
NHZ002>005	12 13	0600EST- 0300EST			0	0	800K	0	River and Stream Flood
			High winds and heavy rainfall occurred over New Hampshire as an intense low pressure system and its associated cold front approached from the west. The winds blew down numerous trees and cut power to 50,000 homes and businesses statewide. The northern part of the state was hardest hit by both winds and flooding. The winds caused structural damage to buildings, while rivers and streams easily overflowed their banks as the rain fell on ground already saturated by several recent rain events. The flooding washed out roads and prompted some evacuations as several feet of water threatened residences. Several landslides blocked sections of Route 302 in Crawford Notch.						
NHZ002-003-006- 008-009-011>014	14 15	1900EST- 0500EST			0	0	?	0	High Winds
			A northward-moving low pressure system brought high winds and rain to New Hampshire. This was the second storm in half a week. Although most counties saw downed trees and power lines, damage was not nearly as extensive as the previous storm. About 9,000 utility customers lost electric power. Some minor flooding also occurred.						
NHZ014	29	0415EST- 1015EST			0	0	?	0	Heavy snow
			Low pressure off the New England coast brought southern New Hampshire's first significant snowfall of the season. Amounts were around six inches at the coast, with lesser accumulations inland. At the storm's onset, a 30+ vehicle pile-up occurred on the Piscataqua River bridge that spans from Portsmouth to Kittery, Maine. Fortunately, no one was injured.						
NEW HAMPSHIRE, Southern									
NHZ011-012	12	0000EST- 0500EST			0	0	?	0	High winds
			A deep low pressure system moved northeastward down the St. Lawrence Valley and its associated cold front moved eastward across the state. The cold front was preceded by strong to gale force southeast to south winds. Numerous tree limbs and some trees were blown down which resulted in scattered power outages. A chimney was knocked down in Keene and several thousand homes and businesses lost power in that area. Up to 36,000 electric customers lost power statewide.						

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
NH2011-012	14 15	1800EST- 0600EST	0	0	0	0	Wet snow
An intensifying low pressure system moving northward from the Delmarva Peninsula coupled with a strong high pressure system over Newfoundland to produce a tight pressure gradient resulting in strong east winds. Several thousand electric customers lost power in the Keene area while other scattered power outages occurred through out the region as several inches of wet snow combined with the strong winds to knock down tree limbs and wires. A rash of automobile accidents occurred on area roads during the late afternoon and early evening of the 14th.							
NEW JERSEY, Northeast							
Bergen County	11	1930EST			0	0	High Winds
Countywide	11	1930EST			0	0	High Winds
Essex County	11	1930EST			0	0	High Winds
Countywide	11	1930EST			0	0	High Winds
Passaic County	11	1930EST			0	1	High Winds
Little Falls	11	1930EST			0	0	High Winds
Hudson County	11	1930EST			0	0	High Winds
Bergen County	11	2312EST			0	0	Urban Flood
Countywide	11	2312EST			0	0	Urban Flood
Bergen County	12	0200EST			0	0	Flood
Lodi	12	0245EST			0	0	Flood
Bergen County	12	0245EST			0	0	Flood
Mahwah	12	0245EST			0	0	Flood
Exceptionally strong southerly winds caused widespread and significant damage across the area. Hundreds of trees and power lines were downed. Approximately 100 thousand people loss power during the height of the storm as winds gusted frequently							
NEW JERSEY, Northeastern Cont'd							
to around 50 knots (58 mph). Teterboro Airport reported the highest wind gust of 54 knots (62 mph). In Little Falls, a person was trapped in their car for a couple of hours after a tree fell on it. In addition, heavy rains caused significant flooding problems along the Ramapo River at Mahwah and along the Saddle River at Lodi. The rivers rose between one and one-half feet above flood stage in response to between two and one-half and three inches of rain and its associated runoff. The heavy rains also caused some street and highway flooding across Bergen County.							
NEW JERSEY, Southern and Northwestern							
NJZ001-007-008> 010-012>026	11 12	2000EST- 0100EST			0	0	High Wind
Atlantic County	11	2315EST			0	0	Microburst
Weymouth	11	2315EST			0	0	Microburst
A very strong cold front blasted through the region the evening of the 11th. Southerly winds increased during the day and gusted over 50 mph during the evening. They peaked as the cold front moved through between 9 pm and Midnight. Wind gusts of 72 mph in Ortley Beach (Ocean County), 69 mph in Millville (Cumberland County) and 60 mph in Hazlet (Monmouth County) were reported.							
Damaging winds downed trees and power lines in the state. About 116,000 customers throughout New Jersey lost power. The worst damage occurred in Ocean and Atlantic Counties. In Long Beach Township (Ocean County) high winds tore apart the roof of the St. Francis Community Center. Windows were also broken and the interior was drenched. Damage was estimated at \$1,000,000. In Pine Beach (Ocean County) several homes were damaged by falling trees. A water main was also yanked from the ground. In Beach Haven (Ocean County) ten moored boats were sunk or damaged. In Hamilton Township (Atlantic County), a microburst snapped and uprooted numerous trees and partially tore off a roof within a 200 by 1200 yard area. Other damage included several boats were blown from their moorings in Port Norris (Cumberland County), numerous trees were blown over in Audubon (Camden County), partially constructed cinderblock walls were blown down at a new Super G sight in Gloucester Township (Camden County), a tree fell and damaged both a car and garage in Fords (Middlesex County) and a tree damaged a garage in Matawan (Monmouth County).							
Somerset County	12	0100EST-			0	0	Flood/Flash Flood
Morris County	12	1500EST-			0	0	Flood/Flash Flood
	12	1900EST-			0	0	River Flood
	13	0630EST			0	0	River Flood
Storm totals of around two and a half inches caused the flash flooding of streams and rivers in Somerset County and river flooding in Morris County. There was also some urban and poor drainage flooding in the other counties in Northwest and Central New Jersey. Rainfall totals included 3.27 inches in Oak Ridge, 2.69 inches in Charlotteburg, 2.46 inches in Boonton, 2.15 inches in Chatham and 1.93 inches in Pottersville.							
In Somerset County, the North Branch of the Raritan River at South Branch reached its flood stage of an estimated 6.9 feet at 230 am on the 12th. It crested at 8.96 feet at 8 am on the 12th and was within bankfull at noon on the 12th. The Green Brook near Plainfield reached its flood stage of an estimated 7 feet at 1 am on the 12th, crested at 7.55 feet at 230 am on the 12th and back within bankfull at 4 am on the 12th. The Raritan River at Manville reached its flood stage of 12 feet at 9 am on the 12th, crested at 12.76 feet at noon on the 12th and was within bankfull at 3 pm on the 12th. The flooding forced the closure of roadways and parks near the rivers and streams. In Morris County the Rockaway River at Boonton to reach its flood stage of 5 feet at 7 pm on the 12th. It crested at 5.12 feet at 930 pm on the 12th and was back within bankfull at 630 am on the 13th. No serious damage or injuries were reported.							
NJZ001-007-008	14	0500EST-			0	0	First Snow
	14	2000EST			0	0	First Snow
NJZ014-024>026	14	1200EST-			0	0	Coastal Flooding
	14	1600EST			0	0	Coastal Flooding
NJZ014-026	14	1530EST-			0	0	High Wind
	14	2130EST			0	0	High Wind
The first nor'easter of the fall/winter season brought a potpourri of weather to New Jersey. In Sussex, Warren and Morris Counties the season's first measurable snow occurred. Precipitation started as rain, but as its intensity increased, the rain/snow line retrograded southeast over the higher terrain of Northwest New Jersey. As the nor'easter moved closer to the state and brought in warmer air from the Atlantic, the rain/snow line did move north again passing over the higher peaks of Sussex County around 8 pm on the 14th. Accumulations in Morris and Warren Counties were confined to higher terrain and generally two to three inches fell. Most of Sussex County received two to three inches of snow, but accumulations reached six to eight inches							

Storm Data and Unusual Weather Phenomena

November 1995

November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
<p>(Wantage and High Point) in the northwest part of the county.</p> <p>Farther southeast, coastal areas of the state received a one-two punch of tidal flooding and high winds. The gradient between a high pressure system over Quebec and the developing nor'easter around Cape Hatteras increased winds and tides during the day on the 14th. The early afternoon high tide was a little more than three feet above normal. This produced high tides of 6.8 feet at Sandy Hook, 6.9 feet at Atlantic City and 7.6 feet at Cape May (All above mean low water.) and caused minor coastal flooding. Roads susceptible to tidal flooding were covered and/or closed at high tide. Bridge and Lake Avenues were flooded in Bay Head (Ocean County) and Bay Avenue in Lavalette (Ocean County) was flooded. In Monmouth County the Shrewsbury River helped contribute to tidal flooding on River Avenue, Griffen Street and Johnson Street in Monmouth Beach, and also in Long Branch and Rumson. Ocean Avenue was closed for 24 hours in Sea Bright.</p> <p>By the late afternoon, the nor'easter was east of the Delmarva Peninsula and the increasing winds circulating around the storm produced damaging wind gusts in Ocean and Monmouth Counties. Wind gusts to 60 mph were reported in Bay Head. Jersey Central Power and Light reported 11,000 lost power, mainly in Ocean and Monmouth Counties. Trees were uprooted in Bay Head (Ocean County), Lacey Township (Ocean County), South Belmar (Ocean County), Manasquan (Monmouth County), Sea Girt (Monmouth County), Spring Lake (Monmouth County) and Will Township (Monmouth County). The downed trees in Wall Township forced the closure of New Jersey State Route 35.</p> <p>By the overnight high tide, the nor'easter moved inland into Southern New Jersey and tidal flooding was less. But the pounding from the onshore flow caused severe beach erosion in Monmouth Beach. It was estimated that 1,000 feet or 1 million cubic yards of sand were lost. Elsewhere a 5 to 6 foot cliff was created by the surf in Manasquan and beach erosion was described as moderate between Seaside Heights and Bay Head in Ocean County.</p>								
NEW JERSEY, Southern and Northwestern Cont'd								
NJZ001-007-008	29	0100EST-			0	0		Snow
NJZ009-010-012>020	29	0715EST						
	29	0200EST-						
	29	0830EST			0	0		First Snow
<p>A series of weak low pressure systems moving northeast through Virginia and North Carolina gave most of New Jersey (Except the southeast.) its first measurable snow of the season.</p> <p>Snow began falling in Northwest New Jersey in the early morning of the 29th. Around three inches of snow accumulated in Warren and Morris County with four to five inches accumulating in Sussex County. Farther south precipitation started as rain the evening of the 28th but changed to sleet and snow from the Raritan Basin southward. Accumulations were lighter, mainly two to three inches. Little, if any, snow fell in Atlantic, Cape May and Cumberland Counties. As is usually the case with the first snow of the season, numerous accidents occurred and there were delayed school openings.</p>								
NJZ001-007-008>010-012>026		Month Long			0	0		Normal Precipitation
<p>A month of normal precipitation put the nail in the coffin of the latest drought. The drought emergency in Northeast New Jersey (including parts of Somerset and Morris Counties) was downgraded to a drought warning on the 3rd. On November 16th all drought declarations were lifted. November was also a cooler than normal month. Mean temperatures averaged three degrees below normal. At nearby Philadelphia International Airport, the mean temperature of 43.0 degrees was the 11th coolest November on record.</p>								
NEW MEXICO, Central and Northern								
NMZ005-	02	0400MST-1000MST			0	0	? ?	Ice Storm
<p>A combination of light snow and freezing rain coated local roads and Interstate 25 with ice between Raton and Maxwell. State police reported 25 accidents in a short period with five separate roll overs on Interstate 25 before the highway was closed between Raton and Wagon Mound. Raton Pass was also closed. No major injuries were reported.</p>								
NMZ002-	04	0400MST-1030MST			0	0	0 0	Heavy Snow
<p>Heavy snow showers developed over the Jemez Mountains from Cuba west to Pajarito Ski area and south to Jemez Springs. Wolf Canyon recorded a total of six inches of new snow.</p>								
Socorro County Socorro	06	0730MST			0	0	? 0	Lightning
<p>Lightning caused an electrical outage for half the city of Socorro which lasted about four hours.</p>								
NMZ001-002-004-005	10	1100MST-1700MST			0	0	20K 0	High Winds (G53)
<p>Gusty winds developed mainly in the higher mountain areas of northern New Mexico as an upper level low pressure trough swept over the state. Sections of a bank roof were blown off in Eagle Nest causing damage to nearby buildings and a vehicle. Several trees were also blown down near Ocate. Las Vegas airport reported a peak gust of 61 mph.</p>								
NMZ001>021-026-	26	0900MST-2200MST			0	0	? ?	High Winds (G50)
<p>Strong west and southwest winds developed as a surface low pressure center intensified over the plains of eastern Colorado and caused a cold front to move rapidly eastward over New Mexico. Northern areas of the state were buffeted by four to five hours of sustained 40 mph winds and gusts of 50 to 58 mph, while winds in the southern areas gusted 40 to 50 mph. Winds produced considerable blowing dust. Both Albuquerque and Bos suffered grass fires and electrical outages from downed power lines. Ten thousand residential customers of Sandia mountain communities just east of Albuquerque lost power for four to six hours.</p>								
NMZ016-	27	1200MST-1800MST			0	0	? ?	Heavy Snow
<p>Snow accumulated quickly up to 6 inches in the Ramon area of Lincoln County.</p>								
NMZ005-	27	1800MST-2300MST			0	0	0 0	Heavy Snow
<p>Four to five hours of repeating snow showers produced a narrow band of heavy snow across Colfax County. Amounts reached eight to 10 inches near Cimarron and five inches at Maxwell and Springer, while only trace amounts were reported to the north at Raton and to the south at Wagon Mound. A two mile section of Interstate 25 became snow packed and hazardous until the next morning.</p>								
NMZ001>032-								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Statewide	01-30				0	0	?	?	Extreme Heat
Unusually warm conditions persisted throughout the month across New Mexico resulting in a number of daily record high temperatures, several new records for monthly average temperature and a two to four week delay in first fall freeze. Both Los Alamos and Albuquerque set new daily highs on three occasions each. A high of 74 degrees on the 26th at Albuquerque set a new record for warmest so late in the year.									
NEW MEXICO, Southeast									
None reported.									
NEW YORK, Coastal									
Suffolk County									
Cold Spring Harbor	11	1700EST			1	0	0	0	High Winds
Bronx County	11	1930EST			0	1	?	0	High Winds
Countywide									
Richmond County	11	1930EST			0	0	?	0	High Winds
Countywide									
Rockland County	11	2000EST			0	0	?	0	High Winds
Countywide									
Westchester County	11	2100EST			0	0	?	0	High Winds
Countywide									
Orange County	11	2142EST			0	0	?	0	High Winds
Countywide									
Nassau County	11	2200EST			0	0	?	0	High Winds
Countywide									
Suffolk County	11	2200EST			0	0	?	0	High Winds
Countywide									
Kings County	11	2212EST			0	0	?	0	High Winds
Countywide									
Nassau County	11	2300EST			1	0	?	0	High Winds
Thomaston									
Queens County	11	2345EST			0	0	?	0	High Winds
Countywide									
Westchester County	11	2355EST			0	1	?	0	High Winds
North Salem									
Westchester County	12	0000EST			0	1	?	0	High Winds
Rye									
Rockland County	12	0030EST			0	0	?	0	Flood
Suffern	12	0150EST			0	0	?	0	Urban Flood
Orange County	12	0200EST			0	0	?	0	Urban Flood
Rockland County									
Westchester County	12	0600EST			1	0	?	0	High Winds
Rt. 118									
Exceptionally strong southerly winds caused widespread and significant damage across the area. Hundreds of trees and power lines were downed. Approximately 150,000 thousand people loss power during the height of the storm as winds gusted frequently to around 55 knots (63 mph). Fire Island reported the highest wind gust of 63 knots (73 mph). In Nassau county, a couple of deaths were attributed to the high winds. In Thomaston, a woman died when a 50-foot tall tree snapped and fell on her car. On the wind swept and rough waters of Cold Spring Harbor, a man fell overboard and drown. On Route 118 in Westchester County, a man was killed when his pickup hit a broken limb suspended above the roadway. In addition, heavy rains caused significant flooding problems along the Mahwah River in Suffern. The river rose over two feet above flood stage in response to between two and one-half and three inches of rain and its associated runoff. The heavy rains also caused some street and highway flooding across Orange and Rockland counties. F52VE, M62IW, M36VE.									
Nassau County									
Countywide	14	1500EST			0	1	?	0	High Winds
Suffolk County									
Countywide	14	1500EST			0	0	?	0	High Winds
Nassau County	14	1730EST			0	0	?	0	Coastal Flood
Suffolk County	14	1730EST			0	0	?	0	Coastal Flood
Queens County	14	1730EST			0	0	?	0	Coastal Flood
Westchester County	14	1730EST			0	0	?	0	Coastal Flood
Orange County									
Northwest Section	14	1950EST			0	0	0	0	Heavy Snow
A low pressure system moving northward along the coast caused some problems around the area. A strong onshore flow caused minor to moderate coastal flooding at times of high tide, damaging several homes and a restaurant. The winds also downed a few trees and power lines across Nassau and Suffolk Counties. Further inland, temperatures were cold enough that the precipitation fell in the form of snow. In extreme northwestern sections, the snow accumulated to between six and eight inches.									
NEW YORK, Eastern									
NYZ037	04-05	0000EST-0400EST			0	0	10K	0	Heavy Snow Squalls
The first lake effect snow squalls of the season dumped heavy snow across central Oneida County. Many accidents were reported due to near zero visibility in the snow squalls. Power lines were downed by the combination of snow and gusty winds in the Blossvale-McConnellsville area north of Oneida Lake, causing about 400 customers to lose power. Snowfall totals included 16.5 inches in Taberg, 13 inches in Holland Patent and 10.6 inches in Rome.									
NYZ036-037-045-046	08-09	0900EST-1600EST			0	0	45K	0	Heavy Snow Squalls
The second shot of arctic air within a week swept into central New York, causing localized lake effect snow squalls to develop. The heaviest snow fell across Madison, southern Oneida and northern parts of Chenango and Otsego Counties. Many accidents									

Storm Data and Unusual Weather Phenomena

November 1995

November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
occurred due to the poor visibility. Some specific snowfall amounts included 14 inches in Cazenovia and 8.5 inches in Oneida.								
NYZ026>031-033>050-053>066 NEW YORK, Eastern Cont'd	11 12	1100EST- 1100EST			0	2	200K 0	High Wind
An intense low pressure system moved from southern Michigan to the Eastern Great Lakes on Saturday (November 11) then across northern New York Saturday night and into Canada by Sunday morning. The cold front associated with this system was preceded and accompanied by damaging winds. There were numerous reports of downed trees, limbs and power lines across central and eastern New York which resulted in about 25,000 customers without power. Most of the damage occurred Saturday evening. In Warren County, a house in Stony Creek had its roof blown off. In Columbia county, power poles were downed in Chatham. In Fulton County, two people were injured when a falling tree struck their car. In Fulton County, damaging winds blew a roof off a house in Ephratah. In Franklin County, telephone poles were downed in Malone and a wind gust of 62 knots was reported. In Cortland County, a store in Cortlandville sustained damage when winds blew down a 60 foot structure holding a sign in front of the store.								
Ulster County	11 12	2300EST- 0300EST			0	0	100K 0	Flood
An intense low pressure system produced three to four inches of rain across this region which resulted in flooding. In Saxton, the Kaaterskill Creek overflowed its banks which resulted in the closing of route 32A and the evacuation of six to ten families. In Phoenicia the Esopus Creek flooded and a state of emergency was declared at 1145PM EST on Saturday. Several families were evacuated in Woodland Valley. In Woodstock minor flooding occurred as the Saw Kill Creek reached flood stage.								
Greene County	11 12	2300EST- 0200EST			0	0	50K 0	Flood
Heavy rains of four to five inches resulted in flooding in parts of Greene County. Twenty to thirty county roads were closed due to flooding. In Platte Cove along route 16 a bridge was washed out.								
Fulton County	12	0010EST- 0200EST			0	0	10K 0	Flood
Heavy rains resulted in flooded roads in Gloversville.								
Montgomery County	12	0013EST- 0200EST			0	0	10K 0	Flood
Heavy rains resulted in flooded roads in Amsterdam.								
Schenectady County Schenectady	12	0054EST			0	0	5K 0	Urban Flooding
Heavy rains produced minor street flooding in the City of Schenectady.								
Albany County Bethlehem Guilnderland	12 12	0123EST 0123EST			0 0	0 0	3K 1K 0	Urban Flooding Urban Flooding
Heavy rains produced street flooding in the Towns of Bethlehem and Guilnderland.								
Schoharie County	12	0200EST- 1200EST			0	0	40K 0	Flood
Heavy rains of three to four inches resulted in the Schoharie Creek overflowing its banks. About six homes were evacuated and several roads washed out.								
NYZ028-031>038-044>046-048-051-055>058-062-063	14 15	1000EST- 1700EST			0	0	180K 0	Heavy Snow
A winter storm formed along the North Carolina coast on the morning of the 14th. The storm tracked northward across central New York and into the Saint Lawrence Valley by Wednesday afternoon (November 15th). Heavy snow fell across the Susquehanna Region, the Catskills, over the western Mohawk valley, the western Adirondacks and in extreme northeast New York. Spotty freezing rain and sleet occurred during the storm. Snowfall totals were lowest over the Catskills and in extreme northeast New York were amounts ranged from 6 to 8 inches. Across the Susquehanna Region and the western Mohawk Valley, total snowfall ranged from 8 to 14 inches. The heavy wet snow and gusty winds brought down many trees and power lines. An estimated 60,000 residents were without power.								
NYZ037	21 22	2000EST- 2000EST			0	0	0 0	Heavy Snow Squalls
A low pressure system crossing the Great Lakes brought arctic air into central New York producing lake effect snow squalls across Oneida County. Snowfall totals included 13 inches in Taberg and around 10 inches in Utica, Rome and Floyd.								
Susquehanna Region Western Catskills	25	AM			0	0	0 0	Record Cold
An early season arctic airmass brought record cold to the Southern Tier and Western Catskills. Morning lows were in the single digits in many of the rural valleys. The low of 11 degrees at Binghamton Regional Airport broke the previous record low of 14 degrees in 1956.								
Susquehanna Region	monthlong				0	0	0 0	Record Snow
A total of 33.9 inches of snow fell in Binghamton during November breaking the old snowfall record of 24.4 inches in 1954.								
NEW YORK, Central								
None reported.								
NEW YORK, Western								
NYZ020 NYZ006-008	04 04	0600EST 1400EST			0 0	0 0	5K 5K 0	Heavy Snow-Squalls Heavy Snow-Squalls
An early season lake effect snow event brought significant accumulations to portions of western and central New York. The snow began Friday evening (November 3rd) in the Western Southern Tier, it over the Eastern Lake Ontario Counties shortly after midnight early Saturday morning (November 4th). By the time the snow ended late Saturday night and early Sunday morning, between four and eight inches of heavy, wet snow accumulated in portions of Chautauqua and Cattaraugus Counties. Higher amounts of between 10 and 14 inches were reported in portions of Oswego and southern Lewis Counties. The snow was								
NEW YORK, Western Cont'd								
morning, between four and eight inches of heavy, wet snow accumulated in portions of Chautauqua and Cattaraugus Counties. Higher amounts of between 10 and 14 inches were reported in portions of Oswego and southern Lewis Counties. The snow was								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
							accompanied by thunder and lightning at a few locations as well.
NYZ006	08	1945EST			0 0	5K 0	Heavy Snow-Squalls
NYZ019-020	09	0700EST			0 0	10K 0	Heavy Snow-Squalls
NYZ018	09	0745EST			0 0	10K 0	Heavy Snow-Squalls
							Lake effect snow began during the morning of Wednesday November 8th and continued into the morning of Thursday the 9th before warmer air brought the event to an end Thursday evening. Downwind from Lake Erie, snowfall amounts of eight to 12 inches blanketed portions of Chautauqua and Cattaraugus Counties. Downwind from Lake Ontario, six to eight inches were reported from southeastern Oswego to Onondaga County. The snow mixed with graupel at times in Oswego County.
NYZ019-020-021	11	1200EST			0 0	25K 0	High Winds
NYZ015>018-022>025	11	1200EST-			0 1	15K 0	High Winds
	12	0500EST					A strong cold front pushing eastward from the Great Lakes brought high winds to much of the Western Southern Tier and Central New York. Winds gusted to 44 mph at Hancock Airport in Syracuse. The high winds downed trees and power lines throughout the area which resulted in widespread power outages. In Cayuga County, a woman in Sennett was injured when a falling tree struck her car.
NYZ017	13	0640EST			0 6	? 0	Icy Roads
NYZ022	13	0915EST			1 1	? 0	Icy Roads
							Roadways became snow covered and icy as colder air poured into central New York behind a strong cold front. Icy road contributed to many minor accidents without injuries. However in Steuben county, two vehicles collided on Route 352 in Big Flats, killing one of the drivers and injuring the other. One driver lost control of his vehicle and crossed into the other lane M48VE.
NYZ006	12	1200EST			0 0	5K 0	Heavy Snow-Squalls
							Temperatures in the 50s and lower 60s less than 24 hours earlier plunged into the 20s and lower 30s by early Sunday morning (November 12th) as Lake Ontario once again "came to life". Snow accumulations from lake effect snow ranged from five to seven inches in Southern Jefferson and Oswego Counties; two to four inches fell near the lake shore from Monroe County, across northern Wayne County, and into northern Cayuga County.
NYZ014	15	0400EST			0 0	8K 0	Heavy Snow
NYZ021	15	0500EST			0 0	5K 0	Heavy Snow
NYZ008	15	0600EST			0 0	5K 0	Heavy Snow
NYZ006	15	0630EST			0 0	7K 0	Heavy Snow
NYZ001>005-007-012-019-020	15	0700EST			0 0	25K 0	Heavy Snow
NYZ010-013	15	0730EST			0 0	11K 0	Heavy Snow
NYZ011	15	0745EST			0 0	6K 0	Heavy Snow
NYZ015>018-022>025	14	1000EST-			0 0	20K 0	Heavy Snow
	15	1700EST					An intense coastal storm brought heavy snow to all of western and central New York overnight of the 14th-15th. The snow was very wet and heavy and resulted in downed trees and power lines across most of the region. Snow amounts varied widely as much of the precipitation fell as a mix of snow and sleet before the heavy snow set in. The hardest hit areas were the Southern Tier and Finger Lakes region. Up to 20 inches fell across most of Allegany County with over a foot falling from southern Erie, Wyoming, Livingston, and Ontario Counties southward. Many residents in those areas were without power and many roads were closed. Some of the higher reported amounts included: 21 inches at Alpine; 20 inches at Dansville; 17 inches in Wellsville; 15 inches in Bath and Strykersville; and 13 inches in Batavia and Bristol.
NYZ010	16	0720EST			0 0	5K 0	Heavy Snow-Squalls
NYZ020	16	0730EST			0 0	5K 0	Heavy Snow-Squalls
NYZ012	16	0745EST			0 0	5K 0	Heavy Snow-Squalls
NYZ019	16	0800EST			0 0	5K 0	Heavy Snow-Squalls
NYZ007	16	1300EST			0 0	5K 0	Heavy Snow-Squalls
NYZ008	16	1430EST			0 0	5K 0	Heavy Snow-Squalls
NYZ006	16	2000EST			0 0	5K 0	Heavy Snow-Squalls
							The lake effect snow event began Wednesday afternoon, November 15th, as a cold westerly flow increased after the passage of a major coastal storm. The squalls dropped as much as two feet of snow off Lake Ontario and up to a foot off Lake Erie.
NYZ019-020	22	0800EST			0 0	8K 0	Heavy Snow-Squalls
NYZ006	22	1445EST			0 0	5K 0	Heavy Snow-Squalls
							Lake effect squalls began to set up during the late afternoon and early evening of the 21st and continued for about 24 hours until late on the 22nd. Snowfall amounts ranged from near a foot downwind of Lake Erie to over a foot off Lake Ontario. Specific snow amounts included: 14 inches at Palermo and Parish, 12 inches at Sherman, 10 inches in Sinclairville and seven inches in Franklinville.
NYZ015>018-022>025		Monthlong			0 0	0 0	Record Snow
							A total of 34.2 inches of snow fell in November in Syracuse which broke the record for the snowiest November. The old record was 25.9 inches in 1976. The cooperative observer in Auburn also reported record monthly snowfalls.
NEW YORK, Northern							
NE CLINTON CO AND SW CLINTON CO	12	0500EST-				5K 0	FLOOD
	12	0800EST-					
NEW YORK, Northern Cont'd							
W ESSEX CO AND E ESSEX CO	12	1100EST-				5K 0	FLOOD
	12	1300EST-					
							A Strong storm system moved from the Mississippi Valley into the Eastern Great Lakes on Saturday (Nov 11, 1995) then across Northern New York Saturday night and into Canada thereafter. This system and the associated cold front, was preceded and accompanied by strong winds and heavy rains (1 to 2 inches). Heavy rain resulted in some localized flooding. In the town of Saranac, NY (Clinton County) True Brook Road was closed due to flooding on the morning of Nov 12. In Essex County NY, portions of the Ausable River were reported over its banks around

Storm Data and Unusual Weather Phenomena

November 1995

November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
noon (Nov 12).								
NORTH CAROLINA, North Coastal								
Northampton County Pleasant Hill	11	2000EST			0	0	0 0	Thunderstorm Winds Mobile home damaged by thunderstorm winds.
Northampton County Woodland	11	2015EST	.3	100	0	0	\$450K 0	Tornado (F1-weak F2) Tornado cut a one-quarter mile by 100-yard path through the town of Woodland. Roofs off several buildings, including rescue squad, restaurant, fire department and supermarket. Damage to local casket company, and to several homes in the town. Numerous trees down or snapped off. Debris scattered up to 300 feet from original location. Power and phone lines downed by trees and limbs.
Hertford County Murfreesboro Winton	11	2030EST			0	0	0 0	Thunderstorm Winds Several trees uprooted between Murfreesboro and Winton. Trees and power lines down other parts of county as well.
Gates County Sunbury Acorn Hill	11	2050EST			0	0	0 0	Thunderstorm Winds Trees down on to Route 158. Scattered trees and power lines down other parts of county.
Bertie County Kelford	11	2050EST			0	2	\$125K 0	Thunderstorm Winds Several mobile homesdamaged, one destroyed. Trees were downed. Other structural damage to homes. Scattered trees down other parts of county.
NRN Chowan County Extrim SRN Gates County	11	2100EST- 2105EST	2.2 100	0 0	\$50K	0	Tornado (F0-weak F1)	Small tornado skipped across an area about two and one-quarter miles long and 100-yards wide which straddled the Chowan/Gates County line. Path extended from about one-quarter mile WSW of Gliden east-northeastward to about one-half mile east of Joppa. Several barns damaged. Scattered trees were downed or snapped off above the ground. One shed was destroyed. Damaged occurred in a rural area dominated by farms.
Chowan County	11	2105EST			0	0	0 0	Thunderstorm Winds Scattered trees and power lines down in county.
Pasquotank County Elizabeth City	11	2115EST			0	0	0 0	Thunderstorm Winds Scattered trees/power lines down in and around Elizabeth City and southern Pasquotank County.
Pasquotank County Newland Area	11	2125EST	1	100	0	0	\$50K 0	Tornado (F0-weak F1) Small tornado downed several trees, snapped off others and produced structural damage to several homes in the Newland area of northern Pasquotank County. One mobile home was also destroyed. A barn and two grain silos were also destroyed.
Perquimans County 3 N Hertford	11	2130EST			0	0	0 0	Thunderstorm Winds Numerous trees uprooted and damaged.
Camden County South Mills	11	2135EST			0	0	0 0	Thunderstorm Winds Trees were downed, and a mobile home was overturned.
Currituck County Currituck	11	2140EST			0	0	0 0	Thunderstorm Winds Several trees down across county. Trees down on power lines and blocking secondary roads.
NORTH CAROLINA, Central Coastal								
Lenoir County Pink Hill	07	1744EST			0	0	3 0	Thunderstorm Winds High winds flipped over a tractor-semitrailer.
Onslow County Southwest	07	1830EST			0	0	3 0	Thunderstorm Winds
NORTH CAROLINA, Central Coastal Cont'd								
Sailboat blown off a trailer near Southwest, just outside the city of Jacksonville.								
Craven County Havelock Cherry Branch	07	1845EST			0	0	0 0	Thunderstorm Winds
	07	1835EST			0	0	3 0	Thunderstorm Winds Wind gust to 50 mph reported near Cherry Point section of city. A 12-inch diameter tree fell on a porch in Cherry Branch.
Pamlico County Stonewall	07	1915EST			0	0	2 0	Thunderstorm Winds Wind gust to 50 kts downed large branches and a tree along Route 55.
Hyde County Ocracoke	07	1934EST			0	0	0 0	Thunderstorm Winds A wind gust to 66 mph was reported by a spotter.
Dare County								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
Hatteras	07	1948EST			0	0	4	0	Thunderstorm Winds
Thirty-foot camper blown on its side and damage to a condo unit in Hatteras village with winds estimated at 75 to 80 mph.									
Greene County	11	1945EST			0	0	3	0	Thunderstorm Winds
Jason	11	1947EST			0	0	3	0	Thunderstorm Winds
Duplin County	11	1954EST			0	0	2	0	Thunderstorm Winds
Warsaw	11	1956EST			0	0	4	0	Thunderstorm Winds
Albertson	11	2000EST			0	0	3	0	Thunderstorm Winds
Pitt County	11	2003EST			0	0	3	0	Thunderstorm Winds
Farmville	11	2005EST			0	0	3	0	Thunderstorm Winds
Greenville	11	2022EST			0	0	3	0	Thunderstorm Winds
Grimesland	11	2045EST			0	0	3	0	Thunderstorm Winds
Ayden	11	2058EST			0	0	4	0	Thunderstorm Winds
Pactolus	11	2100EST			0	0	3	0	Thunderstorm Winds
Simpson	11	2007EST			0	0	4	0	Thunderstorm Winds
Winterville	11	2025EST			0	0	4	0	Thunderstorm Winds
Lenoir County	11	2045EST			0	0	4	0	Thunderstorm Winds
LaGrange	11	2058EST			0	2	3	0	Thunderstorm Winds
Martin County	11	2052EST			0	0	3	0	Thunderstorm Winds
Williamston	11	2115EST			0	0	3	0	Thunderstorm Winds
Oak City	11	2135EST			0	0	3	0	Thunderstorm Winds
Jones County	11	2145EST			0	0	3	0	Thunderstorm Winds
Pollocksville	11	2140EST			0	0	0	0	Thunderstorm Winds
Onslow County	11	2140EST			0	0	0	0	Thunderstorm Winds
Swansboro	11	2142EST			0	0	0	0	Thunderstorm Winds
Hubert	11	2200EST			0	0	2	0	Thunderstorm Winds
Blue Creek	11	2200EST			0	0	2	0	Thunderstorm Winds
Carteret County	11	2204EST			0	0	3	0	Thunderstorm Winds
Cape Carteret	11	2200EST			0	0	2	0	Thunderstorm Winds
Newport	11	2200EST			0	0	2	0	Thunderstorm Winds
Morehead City	11	2200EST			0	0	2	0	Thunderstorm Winds
Beaufort	11	2200EST			0	0	2	0	Thunderstorm Winds
Beaufort County	11	2200EST			0	0	2	0	Thunderstorm Winds
Chocowinity	11	2200EST			0	0	2	0	Thunderstorm Winds
Pinetown	11	2200EST			0	0	2	0	Thunderstorm Winds
Craven County	11	2200EST			0	0	2	0	Thunderstorm Winds
New Bern	11	2200EST			0	0	2	0	Thunderstorm Winds
Cove City	11	2200EST			0	0	2	0	Thunderstorm Winds
Hyde County	11	2200EST			0	0	2	0	Thunderstorm Winds
Ocracoke	11	2200EST			0	0	2	0	Thunderstorm Winds
Dare County	11	2200EST			0	0	2	0	Thunderstorm Winds
Alligator Riv	11	2200EST			0	0	2	0	Thunderstorm Winds
Kitty Hawk	11	2200EST			0	0	2	0	Thunderstorm Winds
Southern Shrs	11	2200EST			0	0	2	0	Thunderstorm Winds
Tyrrell County	11	2200EST			0	0	2	0	Thunderstorm Winds
Columbia	11	2200EST			0	0	2	0	Thunderstorm Winds

A strong cold front pushed through eastern North Carolina downing trees and power lines throughout the region. In Pactolus a poplar tree 28 inches in diameter fell through a mobile home narrowly missing the occupant. An oak tree four feet in diameter fell through a house in Sampson. In Martin County, parts of a tobacco barn blew across Highway 903 and hit a mobile home. Nearby a two-story barn was blown off its foundation. ASOS reported a wind gust to 50 knots in New Bern while an AWOS site on Ocracoke Island reported a 67 knot gust. A tree fell into a kitchen in Pollocksville injuring two people. Just south of Winterville a 500-gallon propane tank was blown over and began leaking. In Beaufort a yacht broke loose from its moorings and was blown onto Front Street.

NORTH CAROLINA, South Coastal

Robeson County	07	1700EST	Short	?	?	?	?	?	Tornado (F0)
Lowe									
Bladen County									
Clarkton, Rosindale									

NORTH CAROLINA, South Coastal Cont'd

Butters, Bladenboro	07	1725EST			?	?	?	?	Thunderstorm Winds (G61)
Winds reported by spotter. Damage in Butters: roof blown off garage and trees down. In Rosindale mobile home blown off foundation. In Bladenboro a shed was blown down.									
Columbus County	07	1730EST	0.7	40	?	12	600K	?	Tornado F2
Brunswick									
Twenty structures suffered damage. The tornado lifted roofs off of five residences, and destroyed four mobile homes near National Spinning Mill. Trees and power lines were knocked down.									
Brunswick County	07	1755EST			?	?	?	?	Thunderstorm Winds
Sunset Beach									
Strong winds snapped electric poles along the Intracoastal Waterway and dumped the lines into the water. A one lane pontoon bridge was knocked out by the harsh winds.									
Brunswick County	07	1800EST			?	?	?	?	Thunderstorm Winds
Ocean Isle Beach									
Trees were knocked down.									
Brunswick County	07	1805EST			?	?	?	?	Thunderstorm Winds (G59)
Holden Beach									
An unoccupied mobile home was crushed by a tree.									

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Brunswick County Long Beach	07	1812EST			?	?	?	?	Thunderstorm Winds (G58)
									Winds were reported by a spotter. A large oak tree was downed.
Brunswick County Southport	07	1825EST			?	?	?	?	Thunderstorm Winds
									Trees fell onto a house. A cottage lost part of its foundation and tipped into the ocean.
Pender County Hampstead	07	1825EST			?	?	?	?	Thunderstorm Winds
									A 200-year-old oak tree was downed.
Robeson County Marietta	11	1840EST			?	?	?	?	Thunderstorm Winds
									Power lines were knocked down.
Robeson County Lumberton	11	1845EST			?	?	?	?	Thunderstorm Winds
									Trees and telephone lines were knocked down.
Bladen County 10 N Tar Heel	11	1840EST			?	?	?	?	Thunderstorm Winds
									Trees down and doors were torn off a mobile home.
Columbus County Whiteville	11	1910EST			?	?	?	?	Thunderstorm Winds
									Poles snapped and trees were down.
Pender County Watha	11	1945EST			?	?	?	?	Thunderstorm Winds
									Trees were down.
Brunswick County Bolivia	11	1950EST			?	?	?	?	Thunderstorm Winds
									Trees were down.
Pender County Burgaw	11	1955EST			?	?	?	?	Thunderstorm Winds
									Trees and power lines were down.
Pender County Long Creek	11	2000EST			?	?	?	?	Thunderstorm Winds
									Tree were down on Highway 421 near Long Creek.
New Hanover Wilmington	11	2016EST			?	?	?	?	Thunderstorm Winds
									Tree down on N 5th Street. Power lines down on Carolina Beach Road and in the Ogden area.
NORTH CAROLINA, Central									
Moore County Vass, Lobelia	11	1805EST			0	0	50K	0	Thunderstorm Winds
									Wind damage to trees and powerlines throughout the eastern sections of the county. Two trees fell on a house causing major damage to the house and a vehicle in the Lobelia community.
Lee County Sanford	11	1810EST			0	0	0	0	Thunderstorm Winds
									Several reports of trees and large tree limbs down on power lines.
NORTH CAROLINA, Central Cont'd									
Chatham County Siler City	11	1810EST			0	0	50K	0	Thunderstorm Winds
									Scattered damage throughout the county from trees being downed. Several trees fell on houses, mobile homes, outbuildings, pasture fences and utility lines. Between 500 and 1000 people were without power shortly after the event.
Hoke County Raeford	11	1813EST			0	0	0	0	Thunderstorm Winds
									Trees down on Turnpike Road and Walter Gibson Road.
Person	11	1815EST- 1825EST			0	0	0	0	Thunderstorm Winds
									Trees and power lines down in many locations in the county.
Orange	11	1817EST- 1838EST			0	0	50K	0	Thunderstorm Winds
									Numerous trees down. Roof blown off a house on Frank Ferry Road. Damage to several mobile homes. One blown off the foundation and the other flipped over on Highway 86.
Granville County Butner	11	1830EST			0	0	0	0	Thunderstorm Winds
									Several large trees down.
Harnett	11	1835EST			0	0	0	?	Thunderstorm Winds
									Numerous trees and power lines down with extensive power outages.
Cumberland County Fayetteville	11	1839EST- 1850EST			0	0	0	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Trees down near around Fort Bragg and Spring Lake.									
Vance County Townsville	11	1840EST			0	0	0	0	Thunderstorm Winds
Trees and power lines down.									
Durham	11	1840EST			0	0	0	0	Thunderstorm Winds
Trees and power lines down throughout the county.									
Wake County W Raleigh	11	1842EST			0	0	0	0	Thunderstorm Winds
Trees down around Rex Hospital on Blue Ridge Road and off Edwards Mill Road.									
Wake County N Raleigh	11	1850EST			0	0	12K	0	Thunderstorm Winds
Trees down in portions of north Raleigh at Six Forks and Stickland Roads. Tree down on a car causing extensive damage.									
Cumberland County Hope Mills	11	1850EST- 1900EST			0	0	0	0	Thunderstorm Winds
Numerous trees down in Hope Mills and the southern sections of Cumberland County.									
Johnston	11	1900EST- 1920EST			0	0	0	0	Thunderstorm Winds
Several trees down along Interstate 95 throughout the county. Approximately 1,500 CP&L customers lost power due to the downed trees on utility lines.									
Sampson County 5 N Clinton, Roseboro	11	1900EST- 1910EST			0	0	0	0	Thunderstorm Winds
Large trees down on powerlines causing power outages. Large tree blocked U.S. 421 near Clinton for approximately one hour.									
Wayne County Dudley	11	1905EST			0	0	20K	0	Thunderstorm Winds
Numerous trees and power lines down. A house under construction was severely damaged.									
Warren County Warren Plaza	11	1908EST	0	0	0	0	0	0	Thunderstorm Winds
Several trees down in the road on Highway 15B.									
Franklin County Bunn,Louisburg	11	1910EST			0	0	15K	0	Thunderstorm Winds
Numerous oak trees down along Highway 401 S. Fallen trees destroyed a mobile home in Louisburg.									
Nash County Castalia	11	1930EST			0	0	20K	0	Thunderstorm Winds
Structural damage occurred to two homes off Highway 58. The front porch and roof were taken off one home and the back windows were blown out of another. Numerous trees were also snapped in the same area.									
NORTH CAROLINA, Central Cont'd									
Wilson County Wilson	11	1930EST- 1945EST			0	0	0	0	Thunderstorm Winds
Several trees down in the city and county reported by Emergency Management. Several homes sustained minor damage. Several thousand residents lost power.									
Halifax County Roanoke Rapids, Moonlight	11	1945EST	0	0	0	0	150K	0	Thunderstorm Winds
Numerous trees down throughout central and eastern portions of the county. The Moonlight community was hardest hit with three roofs of houses severely damaged and several outbuildings were destroyed.									
Edgecombe County Pinetops	11	1950EST	1	100	0	3	50K	0	Tornado (F1)
Three people were injured when a tornado destroyed two mobile homes on Highway 43 near Pinetops.									
Edgecombe County Rocky Mount, Tarboro	11	2005EST	0	0	0	0	150K	0	Thunderstorm Winds
Trees were down onto several homes and vehicles in Rocky Mount. A roof was blown off the Red Roof Inn in Tarboro. Several schools sustained significant damage to their roofs, windows, and bus fleet.									
NORTH CAROLINA, Southwestern									
Graham County Robbinsville	11	1030EST			0	0	0	0	Hail (0.75)
County emergency management officials reported dime-size hail as a line of thunderstorms moved through.									
NCZ033-048-049- 050-051-052- 058-034-054-055- 067-066,Mountains and Foothills	11	1200EST- 2000EST			0	0	250K	?	High Winds

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
<p>High winds associated with a strong cold frontal passage caused widespread damage to trees and power systems across the area. Some structural damage was also reported. In Madison County the roof was blown off a mobile home. The most concentrated and apparently the highest winds occurred near Lake Lucie in Rutherford and Polk Counties. Hundreds of trees were blown down there and extensive damage was reported to homes, businesses, and vehicles from fallen trees. The wind in those areas reached 70 mph and persisted for several hours at a slightly lower velocity.</p>								
NCZ033-049-050	11	2000EST			0	0	?	0 Snow
<p>Light snow behind the cold front caused accumulations of one to three inches, mostly at higher elevations. Some highway problems resulted.</p>								
NCZ033 Northern Mountains	14	0000EST- 1500EST			0	0	?	0 Heavy Snow
NCZ048-050-049- 053-052-059, Mountains	14	0000EST- 1500EST			0	0	?	0 Snow
<p>Snow accumulated to several inches, again mostly at higher elevations. The greatest accumulations reported were more than six inches in Avery County, up to six inches in part of Yancey County, and up to four inches in Haywood County.</p>								
NORTH CAROLINA, Extremem Southwestern								
None reported.								
NORTH CAROLINA, Northwestern and North Central								
NC001- High Terrain	11	1300EST- 1530EST			0	0	?	? High Winds
NC002- High Terrain	11	1300EST- 1530EST			0	0	?	? High Winds
NC018- High Terrain	11	1300EST- 1530EST			0	0	?	? High Winds
NCZ003- High Terrain	11	1330EST- 1530EST			0	0	?	? High Winds
NCZ019- High Terrain	11	1330EST- 1530EST			0	0	?	? High Winds
NCZ001- Countywide	11	1530EST- 2000EST			0	0	?	? High Winds
NORTH CAROLINA, Northwestern and North Central Cont'd								
NCZ002- Countywide	11	1530EST- 2000EST			0	0	1.5K	? High Winds
NCZ018- Countywide	11	1530EST- 2000EST			0	0	?	? High Winds (G56)
NCZ003- Countywide	11	1530EST- 2000EST			0	0	?	? High Winds
NCZ019- Countywide	11	1530EST- 2000EST			0	0	3K	? High Winds
NCZ004- Countywide	11	1530EST- 2000EST			0	0	?	? High Winds
NCZ020- Countywide	11	1530EST- 1945EST			0	0	?	? High Winds
NCZ005- Countywide	11	1530EST- 1945EST			0	0	?	? High Winds
NCZ006- Countywide	11	1530EST- 2000EST			0	0	?	? High Winds (49)
Caswell County Countywide	11	1725EST- 1745EST			0	0	?	? Thunderstorm Winds
<p>Strong gradient winds developed across northwest and north-central North Carolina during the early afternoon hours ahead of a strong cold front on the 11th. High winds were initially confined to the higher terrain in the mountains, but then spread down to the lower elevations in the mountains as well as east of the mountains. Wind speeds during the late afternoon and early evening hours were mainly from 30 to 45 mph with some gusts in excess of 60 mph. Thunderstorms developed along the front during the early evening hours in north-central North Carolina and resulted in additional strong winds. High winds not associated with thunderstorms knocked down trees, power lines and power poles. High winds downed at least 100 trees across Rockingham County, damaged a large store sign in Laurel Springs in Alleghany County and tore the roof off a chicken house in Wilkes County. In Watauga County, a wind gust measured at 64 mph occurred at 1824 EST in Boone. In Caswell County, sustained winds of 40 mph with gusts up to 56 mph occurred for much of the late afternoon and early evening hours in Yanceyville. Scattered power outages occurred in most of the area. Thunderstorm winds downed trees and power lines across much of Caswell County.</p>								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
NCZ001- Countywide	13 14	2115EST- 0430EST			0	0	?	?	Snow
NCZ018- Countywide	13 14	2115EST- 0415EST			0	0	?	?	Snow
NCZ002- Countywide	13 14	2130EST- 0445EST			0	0	?	?	Snow
Snow developed across the mountains of Northwest North Carolina during the late evening hours on the 13th and continued into the early morning hours on the 14th. Snow accumulations were generally from two to four inches with some isolated amounts between five and six inches.									
NORTH DAKOTA									
Report not received.									
OHIO, Northern									
Lucas County	02	1519EST			0	0	0	0	Hail (1.00)
Toledo	04	0300EST- 2200EST			0	0	5K	0	Heavy Snow
Lake effect snow squalls from Lake Erie accumulated five to 10 inches in many areas. Some specific totals reported included nine inches in Highland Heights (Cuyahoga County), 10 inches in Montville (Geauga), and eight inches in Pierpont Township, Jefferson, and Austinburg (Ashtabula County). Some melting of the snow occurred as it lay since the ground was still warm early in the season so some reports likely underestimated the actual total snowfall.									
OHZ011>014 Extreme Northeast	08 09	0300EST- 0200EST			0	0	0	0	Heavy Snow
Lake effect snow squalls shifted back and forth across the area and several reports of thunder and lightning were received during the heavier squalls. Since the squalls were shifting frequently, many areas received marginally heavy snow of about six inches, especially over the higher terrain south and east of Cleveland.									
OHZ013-014-020>023 Northeast Ohio	11 11	0630EST- 1500EST			0	0	260K	0	High Winds
Wind gusts of 60 mph or higher from the south occurred in many areas several hours ahead of a cold front and from west winds for an hour or two immediately following the front. Trees were downed in numerous locations, some on power lines, and some blocking roads. Several roads were closed due to downed trees in Wyandot County among others. Flagpoles and utility poles were damaged or downed. At 1115 AMEST wind gusts were measured at 58 mph at Lost Nation Airport (Lake County). At about the same time a TV tower was downed in Marion County. At 1151 EST a wind gust was measured at 58 mph three miles west of Port Clinton. Several traffic signals were blown down in Cuyahoga County and a number of signs were blown down in Crawford County where several residences also reported minor roof and siding damage and small barn was destroyed near Bucyrus. A barn was also destroyed in Hancock County near Van Buren and a large wall of a new municipal building under construction in Maumee (Lucas County) was blown down.									
Marion County	12	1500EST- 2400EST			0	0	0	0	Flood
Larue	The Scioto River crested slightly above the 11 foot flood stage at 11.4 feet at 1600 EST. Flooding was confined to low lying areas along the river.								
OHZ013-014 Extreme Northeast	15	0600EST- 1200EST			0	0	20K	0	Heavy Snow
Heavy snow from a low pressure center to the east dropped six to eight inches of snow in a short amount of time. The snow began as rain in some areas and the heavy accumulations were confined to the higher terrain inland from Lake Erie. Eight inches of new snow accumulated at Thompson (Geauga County). Power outages were reported near Orwell (Ashtabula County) from the combination of gusty winds and heavy snow.									
OHZ012>014 Extreme Northeast	21 22	0600EST- 0900EST			0	0	10K	0	Heavy Snow
Lake effect snow squalls accumulated four to eight inches in many areas with a maximum reported of 11 inches at Burton (Geauga County). The gusty winds combined with the heavy wet snow caused some power outages in northern Ashtabula County.									
OHZ009>014-019>023- 029>033 North Central and Northeast	27 28	1800EST- 0400EST			0	0	40K	0	High Winds
Trees and large limbs were downed in several areas, some on power lines and some blocking roads. Awnings on several homes were damaged or destroyed in Ashland County and also in Portage County.									
OHIO, Eastern									
Columbiana County	05	1455EST			0	0	2K	0	Thunderstorm Winds
Countywide	Thunderstorm winds fell several trees across the county.								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
OHIO, Southeast									
OHZ066-067- 075-076-083- 084-085-086-087	01- 30				0	0	0	0	Prolong Cold
The winter of 95-96 got an early start. Temperatures averaged about five to six degrees colder than the normal monthly average.									
OHIO, Southwestern									
Parts of West Central, Central, and South Central	11 11	1015EST- 1300EST			0	0	50K	0	High Winds
Strong winds were estimated at 50 to 60 mph ahead of a cold front. The strong winds caused several power lines and trees to be downed in Bellefontaine (OHZ026). The front portion of a building collapsed due to the high winds.									
OHIO, Northwestern									
None reported.									
OKLAHOMA, Northeastern									
Delaware County									
3 W Jay	10	1600CST			0	0	?	?	Hail (0.88)
3 W Jay	10	1605CST			0	0	?	?	Thunderstorm Winds (G61) Hail (1.00)
Mayes County									
4.5 NE Salina	10	1615CST			0	0	?	?	Hail (0.75)
Delaware County									
Jay	10	1644CST			0	0	?	?	Hail (0.88)
OKLAHOMA, Northeastern Cont'd									
Wagoner County									
1 N Tullahassee	10	1651CST			0	0	?	?	Hail (0.88)
Cherokee County									
10 W Tahlequah	10	1655CST			0	0	?	?	Hail (0.75)
Wagoner County									
2 NE									
Tullahassee	10	1656CST			0	0	?	?	Hail (0.88)
Muskogee County									
1 S Muskogee	10	1700CST			0	0	?	?	Thunderstorm Winds
Delaware County									
Leach	10	1708CST			0	0	?	?	Hail (0.75)
4 W West									
Siloam Springs	10	1720CST			0	0	?	?	Hail (0.88)
Cherokee County									
8 SW Tahlequah	10	1721CST			0	0	?	?	Hail (1.75)
8 S Tahlequah	10	1725CST			0	0	?	?	Thunderstorm Winds (G52) Hail (1.00)
McIntosh County									
5 S Checotah	10	1725CST			0	0	?	?	Thunderstorm Winds (G56)
Cherokee County									
12 SW Tahlequah	10	1730CST			0	0	?	?	Hail (1.75)
Tahlequah	10	1730CST			0	0	?	?	Thunderstorm Winds (G61) Hail (1.75)
Park Hill	10	1730CST			0	0	?	?	Thunderstorm Winds (G61) Hail (1.75)
Adair County									
Stilwell	10	1745CST			0	0	?	?	Hail (1.50)
Washington County									
2 S									
Bartlesville	10	1805CST			0	0	?	?	Hail (1.00)
Tulsa County									
4 S Bixby	10	1856CST			0	0	?	?	Hail (1.00)
Severe thunderstorms developed in northeast Oklahoma during the late afternoon of November 10th and continued into the early evening. Strong thunderstorm winds blew a tractor-semitrailer off the road on U.S. Highway 64 one mile south of Muskogee, and thunderstorm winds gusted to 70 mph three miles west of Jay, in Tahlequah, and in Park Hill. Thunderstorm winds gusted to 65 mph five miles south of Checotah and to 60 mph eight miles south of Tahlequah. Golf ball-size hail fell eight miles southwest of Tahlequah, 12 miles southwest of Tahlequah, at Tahlequah, and at Park Hill, and hail up to 1.5 inches in diameter fell at Stilwell. Quarter-size hail partially covered the ground eight miles south of Tahlequah, and dime to nickel-size hail covered the ground at Jay. Dime to quarter-size hail also fell at numerous other locations in northeast Oklahoma.									
OKLAHOMA, Southeast									
None reported.									
OKLAHOMA, Western, Central, and Southeastern									
Pushmataha County									
8 E Moyers	10	1825CST			0	0	?	?	Hail (0.75)
Jackson County									
Altus	10	1615CST			0	0	4	?	High Winds
A strong cold front moved across Oklahoma during the afternoon and evening of the 10th. Temperatures rose into the 70s and 80s during the afternoon and then dropped into the 20s and 30s by mid evening. Ahead of the cold front, severe thunderstorms									

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm
					Killed	Injured		
developed over southeast Oklahoma. A severe thunderstorm over Pushmataha county produced three-quarters-inch hail eight miles east of Moyers. Behind the cold front, strong gradient winds not associated with severe thunderstorms produced damaging winds over southwest Oklahoma. In Altus, strong gradient winds not associated with a severe thunderstorm caused \$30 thousand in roof damage at a Super 10 Motel.								
OKLAHOMA, Panhandle								
None reported.								
OREGON, Central								
Zone 06	05 06	1200PST- 0900PST						Snow
The first storm of the month dropped up to one foot of new snow to the Mt. Hood area of the Northern Cascades.								
Tillamook County Netarts	08	0555PST						High Wind (57)
Lane County Sea Lion Caves	08	1000PST						High Wind (63)
Coos County	08	0915PST						High Wind (58)
Zones 01, 02	10 11	2000PST- 0000PST						High Wind
Another Pacific front caused winds to gust to 66 mph at Sea Lion Caves and to 60 mph at the Astoria airport.								
OREGON, Central Cont'd								
Clackamas, Washington, Tillamook, and Lincoln Counties	10 12	0800PST- 0000PST					500K	Flood
A subtropical moisture laden Pacific front stalled over northwestern Oregon for about two days. Storm total rainfall ranged from about 3 inches in the Willamette Valley to 4 inches in the Cascades (fortunately, the snowpack was light), to 5 inches in the Coast Range. The most serious damages occurred along Johnson Creek in the Portland area, and along the Zig Zag River in the foothills of Mt. Hood. A bridge abutment was damaged and a house was severely damaged along the Zig Zag.								
Zones 01, 02, and 03	17 17	1400PST- 1800PST					?	High Wind
Another strong Pacific storm caused high winds along the entire Oregon coast. Trees were blown down and there were a few power outages, but no major damages were reported. Strongest reported winds included gusts to 80 mph at Tillamook and Netarts, 68 mph at Clatsop Spit, and 60 mph at Astoria airport, all on the North Coast. Along the Central Coast, Sea Lion Caves reported gusts to 76 mph, while in the South, Gold Beach had a gust to 56 mph.								
Zones 06, 13, and 11	25 26	1200PST- 0000PST						Snow
Up to one foot of new snow fell in the Cascades, while Spout Springs in the Blue Mountains of Northeastern Oregon reported 10 inches of new snow.								
Zone 11	27 28	1800PST- 0000PST						Snow
The Northeast Mountains received up to 7 inches of fresh snow from this storm. Ladd Canyon reported a total of 7 inches.								
Clatsop, Columbia, Clackamas, Tillamook, Lincoln, and Umatilla Counties	27 30	1600PST- 2400PST					2-3M?	Flood
A series of wet storms moved across Oregon the last four days of November. Rainfall was not as intense as the deluge the second week of November, but flooding was more widespread. The lower Columbia and Umatilla Rivers flooded, in addition to North Coastal and Willamette Basin Rivers. The cumulative damage to county and state roads, particularly in the Cascades and Coastal areas, was estimated to be in the several millions of dollars. Fortunately, no deaths or injuries were attributed to either of November's flood events.								
Zones 01, 02	29 29	0800PST- 2100PST						High Wind
High winds returned to the North and Central Coast again. Highest reported gusts were 70 mph at Netarts, 68 mph at Sea Lion Caves, and 61 mph at Newport.								
PENNSYLVANIA, Northwest								
PAZ002-003 Northwest (inland)	04 04	0300EST- 2200EST			0	0	5K	Heavy Snow
Lake effect snow squalls from Lake Erie accumulated five to nine inches and as much as 12 inches may have fallen from extreme southern Erie County to parts of northern Crawford County. Some specific snowfall totals reported included nine inches in Corry (Erie County) and Cambridge Springs (Crawford County).								
PAZ002 Erie County	08 09	0300EST- 0200EST			0	0	0	Heavy Snow
Lake effect snow squalls brought six inches of snow to many areas with a maximum of nine inches reported at Corry. Thunder and lightning was reported with some of the heavier squalls.								
PAZ001-003 Northwest	11 11	1030EST- 1600EST			0	0	10K	High Winds

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property	Crops	Character of Storm
					Killed	Injured				
Wind gusts of 60 mph occurred in many areas from south winds several hours ahead of a cold front and from west winds for an hour or two immediately following the front. Trees were downed in a number of locations, some on power lines.										
PAZ002-003 Northwest (inland)	15 16	0600EST- 1200EST			0	0	10K	0		Heavy Snow
Heavy snow from a low pressure center to the east dropped six to 10 inches of snow in a short amount of time. The snow began as rain in some areas and the heavy accumulations were confined to the higher terrain inland from Lake Erie. Lake effect snow bands developed late Wednesday as the steadier snow began to end and another four to eight inches of snow accumulated in a number of areas by late Thursday morning bringing the storm total to nearly a foot and a half in some locations including Craneville (Erie County) and Madville (Crawford County). No direct fatalities were known but at least four people were killed in weather related traffic accidents in Erie County and two in Crawford County. A number of power outages occurred as wires and limbs came down from the heavy, wet snow.										
PAZ002-003 Northwest (inland)	21 22	0600EST- 0900EST			0	0	0	0		Heavy Snow
Lake effect snow squalls accumulated four to eight inches in many areas with a maximum reported of 10 inches at Corry and Waterford (Erie County).										
PENNSYLVANIA, Northeast										
No reported.										
PENNSYLVANIA, Eastern										
PAZ047	09	0730EST			0	1	5K	0		Icy Roads
Snow showers in Larksville caused East and West State Streets, East Main Street, and Route 11 to become snow covered and slick. This resulted in an accident in which a police officer was injured when a car skidded into his cruiser.										
PAZ038>040-043-044-047-048	11 12	1200EST- 0500EST			0	0	50K	0		High Winds
A strong cold front pushing eastward from the Great Lakes brought high winds to much of Northeast Pennsylvania. Wind gusts as high as 61 mph at the Wilkes-Barre Scranton Airport in Avoca. The high winds downed trees and power line throughout Northeast Pennsylvania, which resulted in widespread power outages affecting about 50,000 customers. Roadways became slick during the early morning of the 5th, as colder air poured into the region, resulting in several minor accidents without injuries.										
PAZ054-055-060>062-067>071	11 11	1900EST- 2300EST			1	6				High Wind
A very strong cold front blasted through the region the evening of the 11th. Southerly winds increased during the day and started gusting over 50 mph during the early evening. They peaked as the cold front moved through between 800 pm and 1030 pm. In Delaware County, on Interstate 95 on the Chester/Upper Chichester border, the damaging winds and driving rain caused a multi vehicle accident. This caused one fatality, a 77 year-old male, and six minor injuries. The cold front uprooted numerous trees and downed power lines throughout the area. About 14,000 Pennsylvania Power and Light Customers lost power in the Lehigh Valley and the Poconos. About 75,000 Philadelphia Electric Company customers lost power in Southeast Pennsylvania, 29,000 in Philadelphia, 12,800 in Montgomery County and 7,000 in Bucks County. Other damage included a 12 foot by 12 foot section of a roof peeled from a house in Lehigh County. A tree damaged a house in Salisbury Township in Lehigh County. In Chester County, one tree fell and badly damaged two vehicles. The wind peeled a large part of the roof from Haddonfield Lumber in New Garden Township. In Delaware County Yeadon and Upper Darby were hit quite hard. A mile long stretch of damage occurred along the Baltimore Pike. The wind stripped the back wall from the Pulsations Nightclub. (M77VE)										
Bucks County	12 12	0400EST- 1000EST			0	0				Flood/Flash Flood
Storm totals of around 1.75 inches caused the flash flooding of creeks in Bucks County. There was also some urban and poor drainage flooding in most of Southeast Pennsylvania. Storm totals included 1.53 inches in Neshaminy Falls, 1.61 inches in Perkasio, 1.7 inches in Fricks, 1.8 inches in New Hope and 2.22 inches in Doylestown. In Bucks County, the Neshaminy Creek at Langhorne reached its flood stage of 9 feet at 4 am on the 12th. It crested at 9.85 feet at 7 am on the 12th and receded to bankfull at 10 am on the 12th. No serious damage or injuries were reported.										
PAZ047	12	1143EST			0	1	5K	0		Icy Roads
Roads became icy during the morning of the 12th as cold air poured into Northeast Pennsylvania behind a strong cold front. This resulted in a two-car collision in Hazleton. The driver of one car was treated for injuries.										
PAZ054-055	14	0400EST-								
PAZ060>062	15 14 14	0500EST- 0400EST- 1600EST			0	0				Heavy Snow
The first nor'easter of the season dropped heavy snow over the higher terrain of the Poconos and produced the season's first snow in the Lehigh Valley. Snow started the morning of the 14th. The rain/snow line retrograded southeast during the day as the precipitation intensity increased. From the afternoon onward precipitation type became elevation dependent as heavy snow fell over the higher terrain of the Poconos and mainly just rain in the Lehigh Valley and the lower elevations in the Poconos. Snowfall amounts in Lehigh and Northampton Counties ranged from traces to around three inches. Little, if any, snow fell in Berks County from Reading southeast. Near the Blue Mountains up to 8 inches accumulated. Accumulations in the Poconos ranged from around 4 inches in the valleys to around 12 inches over the higher terrain. Accumulations included 3 inches in Jim Thorpe, 4 inches in Bushkill and Stroudsburg, 8 inches in Weatherly and Long Pond, 9 inches in Jundale, 12 inches in Kidder Township and 15 inches in Tobyhanna.										
PAZ038>040-043-044-047-048	14 15	1000EST- 1700EST			1	2	50K	0		Heavy Snow
A major winter storm formed along the North Carolina Coast on the morning of the 14th, and tracked northward to New Jersey that evening, before heading farther north into New England. The storm brought heavy snow to Northeast Pennsylvania. Snow changed over to sleet or freezing rain from the Wilkes-Barre Scranton area to the Poconos as milder air was drawn in from the Atlantic Ocean. Snowfall amounts were generally between 6 and 12 inches, but as much as 16 inches of snow fell in Troy, in										

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
<p>Bradford County. The Wilkes-Barre Scranton Airport received 89 inches of snow from the storm. The early season winter storm crippled much of northeast Pennsylvania, as the heavy, wet snow and gusty winds brought down trees and power lines. There were several instances where large trees fell onto houses. An estimated 20,000 residents were without power, and service was not restored to some rural customers until the 17th. Radio station WKQV-FM was off the air for almost 24 hours due to severe ice damage on the station's transmitter. Many accidents occurred during the storm due to the snow covered roadways. In Luzerne County, Interstate 81 was closed south of Ashley for about 5 hours after two tractor-trailers had jackknifed in both lanes. Pennsylvania State Route 309 from Wilkes-Barre Township to Mountaintop also was shut down because of the accident (M33VE)</p>								
PAZ044-047	29	daylong			0	0	0	Record Snow
<p>At the Wilkes-Barre Scranton Airport in Avoca, 5.2 inches of snow fell, breaking the old snowfall record for the day of 2.6 inches set in 1984. Also, the monthly snowfall total of 18.6 inches was the second highest total on record, just below 22.5 inches set in 1971.</p>								
PENNSYLVANIA, Eastern Cont'd								
PAZ069	29	0100EST-						
Bucks County	29	0800EST			0	0		Heavy Snow
PAZ054-055-060>	29	0100EST-						
062-067-068	29	0715EST			0	0		Snow
PAZ070-071	29	0230EST-						
	29	0830EST			0	0		First Snow
<p>A series of weak low pressure systems moving northeast through Virginia and North Carolina gave extreme Southeast Pennsylvania its first measurable snow of the season, Bucks County its first heavy snow of the season and the Lehigh Valley and Poconos its second snow of the month. Snow began falling in the Lehigh Valley and the Poconos during the early morning of the 29th. A fairly uniform four to five inches of snow accumulated. Farther southeast precipitation started as rain the evening of the 28th, but changed to sleet and snow from Bucks County southward. Precipitation fell as snow longer in Bucks County and four to five inches accumulated. Farther south, including Philadelphia, accumulations were lighter, mainly two to three inches. The first snow caused numerous accidents. It also contributed to a fatal accident in Bethlehem as one car skidded into another killing an Emmaus man.</p>								
PAZ054-055-060>		Month Long			0	0		Normal Precipitation
062-067>071								
<p>A month of normal precipitation put the nail in the coffin of the latest drought. The drought emergency was downgraded to a drought warning on the 10th except in Chester and Monroe Counties where ground water supplies were still below normal. On November 16th all drought declarations were lifted. November was also a cooler than normal month. The mean temperature of 43.0 degrees at Philadelphia International Airport was 3.4 degrees below normal and the 11th coolest November on record.</p>								
PENNSYLVANIA, Central								
PAZ004	03	2300EST-						
Warren County	04	1800EST			0	0	0	Heavy Snow Squalls
<p>Lake effect squalls dumped heavy snow across portions of Warren County. While most areas only had an inch or so, Russell picked up 5 inches.</p>								
PAZ004	08	2000EST-						
Warren County	09	1200EST			0	0	0	Heavy Snow Squalls
<p>Lake effect squalls dumped heavy snow across portions of Warren County. Warren had 6, while Russell picked up 19 inches.</p>								
Warren County	11	1645EST			0	0	0	Thunderstorm Wind
Warren								
<p>Several trees were down in Warren and other areas across the county.</p>								
Bedford County	11	1700EST			0	0	0	Thunderstorm Wind
Shellsburg								
<p>Roof blown off building in Shellsburg. Trees down across county.</p>								
Clearfield County	11	1700EST			0	0	0	Thunderstorm Wind
Clearfield								
<p>Winds took down trees and powerlines in Clearfield and across the county.</p>								
Fulton County	11	1700EST			0	0	0	Thunderstorm Wind
McConnellsburg								
<p>Winds took down trees and power lines around McConnellsburg and other areas across the county.</p>								
Mckean County	11	1700EST			0	0	0	Thunderstorm Wind
Kane & Ludlow								
<p>Trees and power lines down by strong winds along a fast moving cold front.</p>								
Somerset County	11	1700EST			1	4	0	Thunderstorm Wind
Somerset								
<p>Trees and power lines were down across the county including in Somerset. A tree fell on a car fatally injuring a woman. 4 others with minor injuries.(F29VE)</p>								
Huntingdon County	11	1701EST			0	0	0	Thunderstorm Wind
Huntingdon								
Blair County	11	1705EST			0	0	0	Thunderstorm Wind
Roaring spring								
<p>A chimney was blown over in Roaring Spring. Power was lost in Altoona and winds gusted to 60 mph.</p>								

Storm Data and Unusual Weather Phenomena

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November 1995										
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
Cambria County Nicktown	11	1713EST			0	0	0	0	Thunderstorm Wind	
Winds took down trees in Nicktown and in other areas across the county.										
PENNSYLVANIA, Central Cont'd										
Franklin County Greencastle	11	1725EST			0	0	0	0	Thunderstorm Wind G52	
Winds gusted to 60 mph.										
Cameron County Emporium	11	1730EST			0	0	0	0	Thunderstorm Wind	
Trees and power lines down in Emporium and other areas across the county.										
Clinton County Renovo	11	1730EST			0	0	0	0	Thunderstorm Wind	
Trees were downed in Renovo, Loganton, Lock Haven and other parts of Clinton County.										
Elk County Horton	11	1730EST			0	0	0	0	Thunderstorm Wind	
Trees and power lines down in Horton and in Jay and Hamilton Township.										
Juniata County Mifflintown	11	1730EST			0	0	0	0	Thunderstorm Wind	
Trees and wires were downed around Mifflintown and other areas across the county.										
Mifflin County Burnham	11	1730EST			0	0	0	0	Thunderstorm Wind	
Trees and power lines were downed in Burnham.										
PAZ065- York County Area Wide	11	1730EST			0	0	0	0	High Winds	
Some wind damage, wires down, traffic light down,and roof off home in Shrewsbury Township.										
Huntingdon County Mt Union	11	1748EST			0	0	0	0	Thunderstorm Wind	
Winds blew a roof off a building in Huntingdon and alsoin Mt. Union. Many trees and power lines were blown down across the county.										
Centre County State College	11	1750EST			0	0	0	0	Thunderstorm Wind G70	
Winds gusted to 80 mph at the Penn State weather station. Note, roof top measurement. Several treesand wires down.										
Potter County Coudersport	11	1812EST			0	0	0	0	Thunderstorm Wind	
Trees were blown down in Coudersport and in other areasacross the county.										
Cumberland County Boiling Spring	11	1813EST			0	0	0	0	Thunderstorm Wind	
A roof collapsed in Boiling spring, and there were manyother weather related problems with downed trees and power line across the county.										
Centre County State College	11	1820EST			0	0	0	0	Thunderstorm Wind	
Trees were downed in State College.										
Adams County Gettysburg	11	1830EST			0	0	0	0	Thunderstorm Wind	
Trees and wires were downed in Gettysburg and in other areas across the county.										
Montour County Danville	11	1830EST			0	0	0	0	Thunderstorm Wind	
Trees and power lines were down near Danville and otherparts of the county.										
Northumberland County Sunbury	11	1830EST			0	0	0	0	Thunderstorm Wind	
Trees and power lines were down around the Sunbury areaand in other locations across the county.										
Snyder County Middleburg	11	1830EST			0	0	0	0	Thunderstorm Wind	
Trees and power lines were down in Middleburg and otherareas across the county.										
Perry County New Bloomfield	11	1840EST			0	0	0	0	Thunderstorm Wind	
Wires were downed in New Bloomfield.										
Tioga County Wellsboro	11	1846EST			0	0	0	0	Thunderstorm Wind	
Trees and power lines were reported down across the county and in Wellsboro and Blossburg. Several dozentrees down in the Lawrenceville and Mansfield areas.3000 without power across the county.										

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
Lycoming County Montoursville	11	1855EST			0	0	0	0	Thunderstorm Wind G51
Winds gusted to 59 mph at the airport in Montoursville. Tree down near Lycoming County, and facade blown off building in Williamsport. Trees and power lines were down in other parts of the county.									
Columbia County Bloomsburg	11	1900EST			0	0	0	0	Thunderstorm Wind
Trees and wires down in Bloomsburg and other areas.									
Dauphin County Harrisburg	11	1900EST			0	0	0	0	Thunderstorm Wind
Trees and power lines were downed in the Harrisburg area and across the county.									
Sullivan County Laporte	11	1900EST			0	0	0	0	Thunderstorm Wind
Trees and power lines were downed in Laporte. Falling Limbs damaged a house and a car in Eagles Mere.									
Union County Mifflinburg	11	1900EST			1	0	0	0	Thunderstorm Wind G52
Roofs were damaged south of Mifflinburg. One fatality occurred when a farmer attempted to secure a barn roof that was being blown off by the winds. Wind gusted to 60 mph at Mifflinburg. (M52OU)									
York County York	11	1900EST			0	0	0	0	Thunderstorm Wind G61
Between 7 and 8 pm temperatures dropped from 62 degrees to the upper 30s, winds gusted to 70 mph and trees and power lines were taken down in the York area. Roof off house in Lower Windsor Township.									
Lebanon County Annville	11	1930EST			0	0	0	0	Thunderstorm Wind
Trees and power lines were downed in Annville and in other parts of Lebanon County.									
Lycoming County Hughesville	11	1930EST			0	0	0	0	Thunderstorm Wind
Trees and power lines were downed in areas east of Hughesville in eastern Lycoming county.									
Schuylkill County McAdoo	11	1930EST			0	0	0	0	Thunderstorm Wind
A carport was blown over in McAdoo and trees and power lines were downed across the county.									
Dauphin County Middletown	11	1935EST			0	0	0	0	Thunderstorm Wind G50
Winds gusted to 58 mph at Harrisburg International Airport in Middletown. Tree on vehicle 5 miles south of Hershey.									
Lancaster County Manheim	11	1950EST			0	0	0	0	Thunderstorm Wind
Power lines and trees were damaged by strong winds in Manheim and in other parts of the county.									
York County East York	11	1950EST			0	0	0	0	Thunderstorm Wind
Trees and power lines were downed in East York and various other locations across the county.									
Columbia County Berwick	11	2000EST			0	0	0	0	Thunderstorm Wind
Trees and power lines were downed in Berwick and other parts of eastern Columbia County.									
PAZ42-053-065	11 12	2000EST- 1100EST			0	0	0	0	Snow
A few spots across Sullivan, Columbia, and York Counties received several inches of snow Saturday evening and Sunday morning behind a strong cold front. York County had 3 to 5 inches, while Columbia County had about 4 to 5 inches, while 6 inches fell in Laporte in Sullivan County.									
PAZ004 Warren County	11 12	2000EST- 0800EST			0	0	0	0	Snow
A strong cold front crossed the region Saturday evening. Some lake effect snow and snow fell across portions of Warren County Saturday evening and Sunday morning. While some areas had little snow, Russell received 5 inches.									
PAZ004-005-006- 14 010-011-012- 017>019-024>028- 033>037- 041-042-045- 046-049>053-	15	0600EST			0	0	?	?	Winter Storm
A major winter storm moved up the East Coast. The storm brought heavy wet snow to the northern, central south central mountains, Laurel Highlands, Upper Susquehanna, as well as portions of the Middle and									

PENNSYLVANIA, Central Cont'd

056-063

Lower Susquehanna Valley regions of central Pennsylvania. The snow started during the early morning hours of the 14th, and ended early on the 15th. While there was some sleet across portions of southern Pennsylvania, most of the precipitation was in the form of heavy snow. Most of the Lower Susquehanna Valley mixed with rain, thus the accumulations were on the light side. Total accumulations were upwards of 2 feet in many spots. Most of the heavier snow fell west of a Berwick, Harrisburg Gettysburg Line. Snowfall across eastern Warren County was on the heavy side, while across western Warren County on the light

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property - Crops	Character of Storm	
					Killed	Injured			
<p>side. Some accumulations included, Ski areas west of Somerset 32, Hidden Valley 30, Ridgway 27, Somerset 25, Lewis Run 23, Kane 24, State College 16, Ebensburg 21.5, Phillipsburg 21, Coudersport 9, Pittsburg 18, Johnstown 18, ST. Marys 24, Port Allegany 17, Mapleton 9, Altoona 15, Huntingdon 17, Mifflintown 9, Lewistown 16, Sabinsville 24, Logantown 18, Mansfield 16, Lawrenceville 8, Laporte 17, Milleville 6, Franklin 10, and Williamsport 7.6. Other reports include, 24 inches across central Clearfield County, and 11 inches across western Cumberland County. It is estimated that about 4 to 8 inches fell across extreme northern Union, western Snyder, western Perry, and the higher elevations of western Adams County. Significant damage was reported throughout central Pennsylvania, with thousands of trees and wires reported down due to the heavy wet snow. Thousands had no power for several days. Some specifics include, 500 trees suffered major damage on the State College Campus in State College, with many others suffering minor damage. Estimated damage on the Campus of \$1 Million dollars. Significant damage at Phillipsburg, with Rte. 350 closed. Upwards of 70,000 without power across portions of central Pennsylvania. Schools closed throughout the region, along with numerous accidents. The State College Airport was without power for over 12 hours. Many roads were closed, including portions of I-80, Rte. 322, 350, 184, 284, 287, 554, 2012, 3004, and 880.</p>									
York County	14 15	2230EST- 0600EST			0	0	0	0	Flood/Flash Flood
Heavy rain caused some basement and small stream flooding across the county.									
PAZ004-005 Warren and McKean Counties	21 22	2200EST- 0600EST			0	0	0	0	Heavy Snow Squalls
Heavy snow squalls dumped heavy snow across portions of Warren and McKean Counties. Bradford had 3, Kane 4, Columbus had 5, while Russell received 6.2 inches.									
PAZ026-033>036 Southern PA	29 29	0100EST- 0700EST			0	0	0	0	Snow
A weak wave on a frontal system across the Mid Atlantic states produced a few reports of heavy snow across the southern part of the state. Some accumulations included Somerset 6.5, Bedford 8, Upper Strasburg 6, Buffalo Mills 6.5, Confluence 6.0, Everett 6.0, Huntingdon 5.0, Saxton 7.0, Warfordsburg 6.0, and Wolfsburg 6.8.									
PAZ004-006- 010>012- 017>019- 024>028- 033>037- 041>042- 045>046- 049>053- 056>059- 063>066	MONTH LONG								Record Snow/Cold
November was a cold and stormy month across central Pennsylvania. Many locations had near record snowfall. It was the fifth coldest November on record at Harrisburg, with above normal snowfall. 13.8 inches of snow fell at Williamsport, the most on record. November was the second coldest on record at Williamsport being 7.3 degrees below normal. It was 5.2 degrees below normal at Harrisburg.									
PENNSYLVANIA, Western									
PAZ030-032 Westmoreland County Fayette County	08	0400EST- 1600EST			0	0	0	0	Heavy Snow
Snowfall totalled five to six inches deep in the higher elevations of the Chestnut and Laurel Ridges. The snow was enhanced by winds blowing across Lake Huron and Erie to the Laurel Highlands. The lower elevations of the county were well above freezing and saw little or no snow accumulate.									
PAZ014>016-021- 022-030>032 Allegheny Armstrong, Butler Clarion, Fayette Greene, Jefferson, Westmoreland Counties	11	1500EST- 1900EST			0	0	80K	0	High Winds
High winds, ahead of a very strong cold front moving through western Pennsylvania, downed numerous trees, large limbs and power lines across the region. At least 8,000 homes were without power in southwest Pennsylvania. Also, a tree fell on a house in Leisnering, Fayette County, causing minor damage. Several trees were downed across State Route 65 in Allegheny County between Sewickley and Leetsdale. Trees were also downed across State Route 221 near Lippincott in Greene County.									
Westmoreland County was particularly hard hit. A total of 76 trees and 42 power lines were downed in the county. In Latrobe a section of a roof at a steel plant was torn off and damaged some nearby vehicles. The steel plant and a home had windows blown out by the wind or by flying debris. A brick and cement wall of a restaurant was damaged by flying debris. The wind ripped some siding from the American Legion building as well. A tree fell on a passing vehicle in Latrobe and the two occupants escaped injury.									
PENNSYLVANIA, Western Cont'd									
PAZ008-009-014> 016-020>023- 029>032 Allegheny, Armstrong, Beaver, Butler, Clarion, Fayette, Forest, Greene, Indiana, Jefferson, Venango, Washington, Westmoreland Counties	14	1000EST- 1000EST			0	?	20K	0	Heavy Snow
An early and major winter storm developed over the Carolinas on the 14th and moved north up the east coast, spreading heavy									

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed - Injured	Estimated Damage Property - Crops	Character of Storm
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snow into southwest Pennsylvania. The storm pushed north into New York State by late morning on the 15th and the snow tapered to flurries. The snow was very wet and heavy. Several limbs and trees fell under the weight of the snow and numerous power lines were also downed. Lightning was also reported in northern Allegheny County late on the 14th. Over 45,000 homes and businesses were without power in Beaver, Allegheny and Westmoreland Counties alone.

The amount of snowfall was very much dependent on elevation, especially in extreme southwest Pennsylvania. The snow depth at the Pittsburgh National Weather Service Office in Moon Township reached 6.4 inches. However, only a few miles away along the Ohio River, which is about 500 feet lower in elevation, the precipitation fell mostly as rain and only a trace of snow accumulated. Similarly in Fayette County, Connellsville, about 1,000 feet MSL, received five inches of snow. Near Chalkhill, about 2,100 feet MSL, a total of 22 inches fell. The daily snowfall on the 14th at the Pittsburgh National Weather Service Office was 6.1 inches and that amount surpassed the previous record of three inches set in 1908. The storm helped to push November's snowfall total for Pittsburgh to 13.9 inches. This made November 1995 the third snowiest November record began in 1883. Normally, during November Pittsburgh only receives 3.3 inches. Heavy snowfall totals throughout the region include:

Allegheny County - Trace-6 inches
Armstrong County - 8-9 inches
Southeast Beaver County - 6 inches
Southern Butler County - 6 inches
Clarion County - 6-12 inches
Fayette County - 5-22 inches
Forest County - 9-15 inches
Northeast Greene County - 6 inches
Indiana County - 10-18 inches
Jefferson County - 12-18 inches
Venango County - 4-8 inches
Washington County - 4-6 inches
Westmoreland County - 12-24 inches

RHODE ISLAND

RIZALL

12 0000EST-0700EST 0 0 ? 0 High winds

A deep low pressure system moved northeastward across the St. Lawrence Valley and its associated cold front moved eastward across the state. The cold front was preceded by strong to gale force southeast to south winds. Most of the state had wind gusts up to 50 mph with some gusts reaching over 60 mph. Scattered power outages occurred.

RIZALL

14-15 1700EST-0200EST 0 0 ? 0 High Winds

An intensifying low pressure system moved northward from the Delmarva Peninsula coupled with a strong high pressure system over Newfoundland to produce a tight pressure gradient resulting in strong to gale force east winds. Block Island reported gusts up to 55 mph and Cumberland had a peak gust to 48 mph. Providence had a peak gust to 39 mph. Scattered power outages were reported.

SOUTH CAROLINA, North Coastal

Darlington County 8 N Hartsville

07 1610EST Thunderstorm Winds
Trees down on Highway 102 at the Chesterfield and Darlington County line.

Darlington County Byrdtown

07 1615EST 3 40 ? ? 200K ? Tornado (F1)
Estimated path due to spotty touchdowns. Dozen of trees down, 16 structures were damaged, three houses suffered major wall and roof damage, a mobile home was destroyed, a garage was badly damaged, and a large shed collapsed on trucks and farm machinery.

Darlington County Colonial Heights

07 1623EST ? ? 2K ? Thunderstorm Winds
Large tree limbs down and roof damage.

Florence County Florence Airport Florence County 3 E Florence

07 1635EST ? ? ? ? Thunderstorm Winds (G65)
07 1638EST 0.5 40 ? 4 200K ? Tornado (F2)
Tornado downed trees, destroyed one mobile home, destroyed 12 cars, and damaged Patriot Place Apts near Francis Marion College.

SOUTH CAROLINA, North Coastal Cont'd

Dillon County Latta

07 1649EST ? ? ? ? Thunderstorm Winds
Trees and power lines down.

Dillon County Pleasant Hill

07 1655EST 0.1 30 ? ? 1K ? Tornado (F0)
Tornado briefly touched down and uprooted a giant pecan tree, damaging a house.

Dillon County Lakeview

07 1700EST ? ? ? ? Thunderstorm Winds
One mobile home destroyed.

Marion County Penderboro

07 1705EST 0.7 40 ? 1 800K ? Tornado (F4)
One mobile home destroyed, Pleasant Grove Baptist Church badly damaged and the sanctuary leveled. Church bell found 400 yards east. A house suffered major roof damage.

Williamsburg County 3 W Kingstree

07 1710EST 0.3 20 ? ? 20K 10K Tornado (F0)
Tornado destroyed a mobile home and scattered cotton bales.

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
Williamsburg County Kingstree	07	1715EST	0.2	20	?	11	350K	?	Tornado (F1) Two tornado touchdowns destroyed a laundromat and downed trees onto homes.
Williamsburg County Sandridge	07	1715EST	0.2	20	?	1	150K	?	Tornado (F1) Several mobile homes damaged or destroyed.
Horry County Conway	07	1717EST	5	100	?	?	1.5M	?	Tornado (F2) Estimated five tornado touchdowns ran a track in 10 minutes from near the Conway Raceway northeast along U.S. Highway 378 to Little River area on S.C. Highway 90. Major damage was done to 50 residential and five commercial buildings. Minor damage was done to 85 residential and 20 commercial. Hundreds of large trees were twisted and snapped.
Georgetown County Sampit	07	1720EST	0.1	20	?	1	40K	?	Tornado (F1) Brief touchdown severely damaged house and snapped tree tops.
Georgetown County Georgetown	07	1725EST	0.1	20	?	?	20K	?	Tornado (F1) Brief touchdown mangled huge steel beams of a building under construction.
Darlington County Hartsville	11	1730EST			?	?	?	?	Thunderstorm Winds Trees were knocked down.
Florence County 2 NE Florence	11	1750EST			?	?	?	?	Thunderstorm Winds Trees down at Francis Marion University and at Barringer and West Darlington Streets.
Marlboro County Bennettsville	11	1800EST			?	?	?	?	Thunderstorm Winds Small pine trees knocked down.
Dillon County Dillon, Oakland	11	1815EST			?	?	?	?	Thunderstorm Winds Ten trees were knocked down. One cotton trailer turned over near Dillon.
Williamsburg County Kingstree	11	1830EST			?	?	?	?	Thunderstorm Winds Trees were down causing power outages.
Horry County Bayboro	11	1900EST			?	?	?	?	Thunderstorm Winds Trees and power lines were down.
Horry County Conway	11	1900EST			?	?	?	?	Thunderstorm Winds Trees were knocked down.
Horry County Murrells Inlet Mt. Olive	11	1940EST			?	?	?	?	Thunderstorm Winds Large trees and power lines down with some poles snapped off.
SOUTH CAROLINA, South Coastal									
Dorchester Co, Southern Half	07	1615EST			0	0			Thunderstorm Winds Trees and large limbs down.
Berkeley Co, Western Half	07	1625EST			0	0			Thunderstorm Winds Numerous trees and powerlines down.
Berkeley Co, Eastern half	07	1640EST			0	0			Thunderstorm Winds Trees, limbs, and power lines down.
Berkeley Co, Bonneau	07	1645EST	1.5	35	0	0	15K	0	Tornado (F0) Roof ripped off a fire station and nearby mobile home damaged. Also trees and powerlines down.
Charleston Co, Mt. Pleasant	07	1645EST	.5	25	0	0			Tornado (F0) Waterspout observed over the Cooper River moved ashore before dissipating.
Dorchester Co, St. George	07	1645EST			0	0			Thunderstorm Winds Trees down just north of the city near I-95.
Colleton Co, Round O	07	1645EST			0	0			Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

November 1995

November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property Crops	Character of Storm
			Trees Down.					
Colleton Co, 5W Walterboro	07	1647EST	1.0	30	0	0	5K 0	Tornado (F0)
			Spotter observed tornado touchdown.					
Jasper Co, Hardeeville	07	1700EST			0	0		Thunderstorm Winds
			Trees down.					
Berkeley Co, Macedonia	07	1705EST			0	0		Thunderstorm Winds
			Numerous trees down					
Beaufort Co, Hilton Head	07	1714EST	2.0	60	0	0	300K 0	Tornado (F1)
			Seventeen homes were damaged on Hilton Head Plantation, including four in "Millionaire's Row". Tornado went through vacant wooded lot, causing numerous trees to be levelled. There was some minor roof damage on either side of the lot.					
Beaufort Co, St. Helena	07	1720EST	.3	30	0	0	25K 0	Tornado (F0)
			A 14-foot jonboat was smashed apart as well as a new 16 foot catamaran and its trailer. A tree fell on the roof of a car and there was gutter damage to several near-by homes.					
Charleston Co, Edisto Island	07	1745EST			0	0		Thunderstorm Winds
			Trees down.					
Colleton Co, Ruffin	07	1746EST			0	0		Thunderstorm Winds
			Trees and large limbs down.					
SOUTH CAROLINA, Central								
Aiken County Aiken	02	1456EST			0	0	0 0	Thunderstorm Winds
			Large trees blown down by thunderstorm winds.					
Lexington County Gaston	02	1545EST	1.5	250	0	?	225K 0	Tornado F3
			Three mobile homes, two frame homes, and one shed destroyed.					
Calhoun County 12 SSE Columbia	02	1602EST	1	200	0	?	? 0	Tornado F2
			One home destroyed and one severely damaged. Sx outbuildings and two grain bins were destroyed. Farm equipment destroyed and one car overturned.					
Orangeburg County 3 NNE Orangeburg	02	1610EST			0	0	? 0	Hail (0.75)
Richland County Eastover	02	1630EST			0	0	? 0	Thunderstorm Winds
			Trees blow down.					
SOUTH CAROLINA, Central Cont'd								
Clarendon County 2 SSE Summerton	02	1643EST	.1	50	0	0	? 0	Tornado F0
			Tornado touched down in a grove of trees and took them down.					
Clarendon County Jordan	02	1700EST			0	0	0 0	Hail (0.75)
Edgefield County Edgefield	02	1710EST			0	0	0 0	Hail (0.75)
			On November 2, 1995 a line of severethunderstorms developed along a cold front and produced several tornadoes in central South Carolina. Large hail and damaging winds also accompanied these storms. The most severe damage occurred in southeastern Lexington and Western Calhoun counties where an F3 and F2 tornadoes destroyed several framed and mobile homes.					
Aiken County Monetta	07	1453EST	1.5	250	0	1	460K	Tornado (F2)
			Tornado completely destroyed four large poultry houses and a peach processing building. Large farm equipment also destroyed. One person had a leg and back injury.					
Fairfield County Winnsboro	07	1510EST			0	0	? 0	Thunderstorm Winds
			Trees and power lines down.					
Lexington County Cayce	07	1515EST	.1	50	0	?	? 0	Tornado (F0)
			Tornado caused damage to a couple of homes and businesses. Trees were knocked down.					
Aiken County Salley	07	1516EST	.5	50	0	?	? 0	Tornado (F0)
			Two homes damaged by tornado. Trees were knocked down.					
Richland County Columbia	07	1516EST			0	0	0 0	Thunderstorm Wind 50
			Measured gust at AT&T building.					
Richland County								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
Columbia	07	1520EST			0	0	0	Thunderstorm Wind 56
		Measured gust at AT&T building.						
Richland County 1 S Columbia	07	1521EST	.1	50	0	0	?	Tornado F0
		Tornado touched down at fair grounds and caused damage to buildings.						
Lexington County Irmo	07	1523EST			0	2	?	Thunderstorm Winds
		Trees, power lines, and large signs down. Two people were slightly injured when trees fell on a building.						
Lexington County South Congaree	07	1523EST	.1	50	0	0	?	Tornado F0
		Tornado damaged two mobile homes and trees.						
Calhoun County Interstate 26	07	1527EST			0	0	0	Thunderstorm Winds
		Scattered trees down along and on Interstate 26.						
Kershaw County Camden	07	1529EST			0	0	?	Thunderstorm Winds
		Trees and power lines down on Highway 51.						
Lexington County 1 SE Lexington	07	1530EST	3	250	0	?	?	Tornado (F1)
		Intermittent touchdowns took down several large billboards, one steel reinforced. Numerous homes damaged with one moved four feet off foundation. A landscaping business was destroyed.						
Calhoun County Cameron	07	1530EST			0	?	?	Thunderstorm Winds
		Microburst did significant damage to homes. Numerous trees and power lines down. Classical fan shape debris patter.						
Calhoun County St. Matthews	07	1532EST			0	0	?	Thunderstorm Winds
		Trees were knocked down.						
Orangeburg County 2 N North	07	1533EST	.1	50	0	?	15K	Tornado F0
		Tornado damaged mobile home and took down trees.						
Orangeburg County 3 N Orangeburg	07	1537EST	3	250	0	3	200K	Tornado (F1)
		Tornado destroyed 16 mobile homes, seriously damaged 11 others and one frame home, and took trees down. Most of the damage occurred along U.S. 178. Three people were slightly injured.						

SOUTH CAROLINA, Central Cont'd

Barnwell County Snellings	07	1539EST			0	0	?	0	Thunderstorm Winds
		Trees and power lines down in Snellings area.							
Lexington County Lake Murray	07	1545EST			0	0	?	0	Thunderstorm Winds
		Trees and power lines down at Lake Murray and Old Cherokee Road.							
Richland County Spring Valley	07	1550EST			0	0	?	0	Thunderstorm Winds
		Trees were knocked down.							
Kershaw County Camden	07	1558EST			0	0	?	0	Thunderstorm Winds
		Trees down on homes. Wind gusts to 60 mph.							
Calhoun County 3 WNW Elloree	07	1600EST	1.5	250	0	0	400K	0	Tornado (F2)
		Tornado severely damaged horse training center, track ,and home.							
Bamberg County Denmark	07	1607EST			0	0	?	0	Thunderstorm Winds
		Trees and power lines down.							
Chesterfield County 3W McBee	07	1608EST	.25	50	0	?	?	0	Tornado F0
		Tornado did minor damage to a farm. Trees were knocked down.							
Sumter County 15 S Sumter	07	1610EST			0	0	0	0	Thunderstorm Winds
		Trees down on U.S. Highway 15.							
Lee County 2 E Lynchburg	07	1618EST			0	?	?	0	Thunderstorm Winds
		Microburst severely damaged two large turkey houses.							
Chesterfield County 1 N McBee	07	1620EST			0	?	?	0	Thunderstorm Winds
		Trees were knocked down.							
Orangeburg County Santee	07	1620EST			0	0	?	0	Thunderstorm Winds
		Mobile homes were damaged. Trees were knocked down.							

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
Clarendon County Davis Station	07	1620EST			0 0	? 0	Thunderstorm Winds
							Minor damage to a couple of buildings. Trees were knocked down.
Chesterfield County Chesterfield	07	1623EST			0 0	? 0	Thunderstorm Winds
							Trees were knocked down.
Clarendon County 2 W Jordan	07	1625EST	.1	50	0 0	? 0	Tornado F0
							Tornado did minor damage to home. Trees were knocked down.
Sumter County 3 S Sumter	07	1628EST			0 0	? 0	Thunderstorm Winds
							Trees and power lines down along Highway 155.
Clarendon County 1 S Bloomville	07	1630EST	.25	75	0 0	? 0	Tornado F0
							Tornado did minor damage to farm. Trees were knocked down. On November 7th, a squall line of severe thunderstorm developed ahead of a rapidly moving cold front and raced across South Carolina. This storm system had a 65kt low level jet at 4kft above the ground and a naturally sheared environment. Twelve tornadoes touched down in the Columbia County warning area. The greatest damage occurred with the F2 tornado that hit a poultry farm near Monetta, and at the Elloree Horse Training Center and Track where all stables and a home were severely damaged. An intense microburst also did considerable damage to many homes in Cameron. The South Carolina Insurance News Service said the storms did at least \$3 million in damage to insured structures.
Edgefield County Johnston	11	1445EST			0 0	? 0	Thunderstorm Winds
							Power lines down from thunderstorm winds.
Newberry County Silverstreet	11	1510EST			0 0	? 0	Thunderstorm Winds
							Several trees were knocked down.
Newberry County Prosperity	11	1523EST			0 0	? 0	Thunderstorm Winds
							Several trees were knocked down.
SOUTH CAROLINA, Central Cont'd							
Saluda County Ridge Spring	11	1536EST			0 0	? 0	Thunderstorm Winds
							Trees were knocked down.
Aiken County Jackson to Beach Island	11	1542EST			0 0	? 0	Thunderstorm Winds
							Trees and power lines down.
Fairfield County 2 S Winnsboro	11	1555EST			0 0	? 0	Thunderstorm Winds
							Trees down on road 34W in Monticello.
Lexington County 3 SE Lexington	11	1557EST			0 0	? 0	Thunderstorm Winds
							Trees and power lines were knocked down.
Richland County 3 SE Columbia	11	1606EST			0 0	? 0	Thunderstorm Winds
							Power lines down from thunderstorm winds.
Kershaw County Lugoff	11	1615EST			0 0	? 0	Thunderstorm Winds
							Trees were knocked down.
Kershaw County Camden	11	1622EST			0 0	? 0	Thunderstorm Winds
							Power lines down from thunderstorm winds.
Orangeburg County Neeses	11	1632EST			0 0	? 0	Thunderstorm Winds
							Trees were knocked down.
Barnwell County Snelling	11	1637EST			0 0	? 0	Thunderstorm Winds
							Two trees were knocked down.
Richland County Eastover	11	1640EST			0 0	? 0	Thunderstorm Winds
							Power lines down from thunderstorm winds.
Orangeburg County Orangeburg	11	1652EST			0 0	? 0	Thunderstorm Winds
							Power lines down from thunderstorm winds.
Sumter County 1 N Sumter	11	1710EST			0 0	? 0	Thunderstorm Winds
							Trees down on Highway 53.

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
Lee County Brownstown	11	1715EST			0	0	?	0	Thunderstorm Winds
	Trees were knocked down.								
Lee County Bishopville	11	1720EST			0	0	?	0	Thunderstorm Winds
	Large tree branches and power lines down.								
Calhoun County Creston	11	1722EST			0	0	?	0	Thunderstorm Winds
	Power lines down from thunderstorm winds.								
Clarendon County Summerton	11	1740EST			0	0	?	0	Thunderstorm Winds
	Power lines down from thunderstorm winds.								
Clarendon County Turbeville	11	1740EST			0	0	?	0	Thunderstorm Winds
	Trees were knocked down. During the afternoon of November 11th, a line of severe thunderstorms developed quickly just ahead of an advancing cold front. The line began its development from 50 S of Charlotte to 50 W of Augusta. A 55 kt low level 3kft pushed the line rapidly eastward across the state. These strong low level winds mixed down to the ground in the thunderstorms and knocked down trees and power lines.								
SOUTH CAROLINA, Northwestern									
Greenwood County Troy	07	1400EST- 1403EST	3	100	0	0	25K	0	Tornado (F0)
Greenwood County 6 ENE Troy	07	1406EST	4	100	0	0	25K	0	Tornado (F0)
	A weak tornado touched down in the northeast edge of the town of Troy and moved east northeast at 60 mph. The tornado								
SOUTH CAROLINA, Northwestern Cont'd									
	moved into a small area of McCormick County and then back into Greenwood County. Damage was primarily limited to downed trees and power lines but some roof damage to homes was reported and some outbuildings were destroyed.								
SCZ001-002-003- 004-005-006- 010-011-012-019, Mountains, Foothills and Lower Piedmont	11	1400EST- 2000EST			0	4	250K	0	High Winds
	A strong cold front swept through the area causing frequent wind gusts to more than 50 mph for a short period of time with the frontal passage. Gusts to more than 40 mph were common before and after the front moved through. Although winds at these levels usually do not cause significant widespread damage, there was damage in this case because of the saturated ground. A number of trees were downed and power outages were common. In Greenwood and Laurens Counties trees fell across houses, and at Clemson University homes and cars were damaged by fallen trees. One person was slightly injured in Laurens County, and in Greenwood County one person was seriously injured and two others slightly injured when a tree fell on them. Widespread damage was reported in Anderson, Pickens, Cherokee, and Oconee Counties with less widespread damage in Greenville and Abbeville Counties. The Anderson Mall was forced to close because of power outages.								
SOUTH DAKOTA, Central and Northern									
	None reported.								
SOUTH DAKOTA, Southeast									
	None reported.								
SOUTH DAKOTA, Western									
SDZ024-025	01				?	?	?	?	Snow (4.00-8.00)
SDZ024-026	26- 27				?	?	?	?	Snow (3.00-6.00)
	The northern Black Hills received snow falls of three to six inches.								
TENNESSEE, Eastern									
TNZ013-036-040- 041-047-066-067- 073-074-083-085	11	1000EST- 1630EST		0	0	50K	0		High Winds
	Strong winds in advance of a cold front caused downed trees and powerlines. Power outages were reported. In some areas, the downed trees fell on homes and cars. A mobile home lost its roof.								
TENNESSEE, Central									
TNZ062 Countywide	05	0530CST- 0830CST			0	1	20K	0	Freezing Drizzle
	Freezing drizzle occurred during the early morning rush hour and caused at least 10 car accidents countywide mainly on bridges and overpasses. The only accident with an injury occurred on state route 96 East (Lascassas Highway). The driver's 1978 Jeep slid on a bridge and overturned.								
TENNESSEE, Western									
Dyer County Newbern	11	0145CST			0	0	.02M	0	Thunderstorm Winds

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
A canopy was torn off a car wash. A Sheriff's deputy car was blown into a ditch. Many highway signs were blown down.									
Obion County Union City Obion, Kenton South Fulton	11	0200CST- 0215CST			0	0	.02M	0	Thunderstorm Winds (G56)
A wind gust of 65 mph was reported at the Everett Stewart Airport near Union City. A roof was damaged and several trees were blown down in Obion. One house lost its roof in Kenton. Some trees were blown down in South Fulton.									
Hardeman County Northern	11	0205CST			0	0	.01M	0	Thunderstorm Winds
Numerous trees were knocked down.									
Crockett County Johnson Grove	11	0215CST			0	0	5K	0	Thunderstorm Winds
Several trees and power lines were blown down.									
Hardeman County Northern	11	0220CST- 0230CST			0	0	2K	0	Thunderstorm Winds
A few trees were blown down.									
Madison County Jackson	11	0245CST- 0250CST		0	0	.01M	0		Thunderstorm Winds
TENNESSEE, Western Cont'd									
A large tree was blown on top of a house. Numerous tree limbs were knocked down.									
Weakley County Pillowville	11	0330CST			0	0	.02M	0	Thunderstorm Winds
Two late model automobiles, a water well, a propane tank, a satellite receiver and a central air conditioning unit were damaged. A nearby house had a large hole put into its roof when a large oak tree fell on it. Several other trees in the area were knocked down as well.									
Carroll County McKenzie	11	0345CST			0	0	5K	0	Thunderstorm Winds
Several trees and power lines were blown down.									
Henry County Henry	11	0400CST			0	0	.03M	0	Thunderstorm Winds
A mobile home that was under renovation was demolished. Several other mobile homes suffered minor damage as well.									
TEXAS, North Panhandle									
TXZ011>020	10	0800CST- 1500CST			0	0	.1M	0	High Winds
A deepening low pressure system over the Oklahoma Panhandle generated high winds over the southern and central Texas Panhandle blowing down a few trees in Amarillo and doing minor roof damage across the region. The National Weather Service at Amarillo had a peak gust of 49 mph. While the winds speeds were marginal, damage estimates were placed at \$100 thousand.									
TEXAS, South Panhandle									
None Reported.									
TEXAS, North Central									
Foard County Crowell Clay County Henrietta	10	1630CST			0	0	3	?	High Winds
	10	1645CST			0	0	3	?	High Winds (G50)
A strong cold front moved across north Texas during the late afternoon and evening of the 10th. Temperatures rose into the 80s during the afternoon and then dropped into the 30s by mid evening. Strong gradient winds associated with the cold front passage caused \$2,700 in damage to a house in Crowell. Also, in Henrietta, strong gradient winds not associated with a severe thunderstorm tore a roof off of a former Texaco Gas station at the intersection of Highway 82 and Highway 148.									
TEXAS, North									
Hood County Granbury	01	0055CST			0	0	0	0	Hail (0.75)
Hopkins County 7 SW Sulphur Springs	01	0330CST			0	0	1K	0	Thunderstorm Wind
Several sheds were blown down and trees were blown across the road.									
Northern Texas	10	Evening			0	0	0	0	High Wind
A strong arctic cold front moved into northern Texas during the early evening hours ushering into the area the first freezing temperatures of the season. A temperature drop of 40 degrees was common as the front pushed through. The strong pressure gradient along the frontal surface resulted in wind gusts of 40 to 60 mph which caused minor damage to mainly trees and power lines.									
Hopkins County 6 E Sulphur Springs	10	2132CST			0	0	0	0	Thunderstorm Wind
Trees were blown down by high winds.									
Como	10	2140CST			0	0	0	0	Thunderstorm Wind

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Trees were blown down by high winds.									
Anderson County Frankston	10	2256CST			0	0	0	0	Thunderstorm Wind
A tree blown down by high winds blocked County Road 303.									
Leon County Oakwood	10	2300CST			0	0	0	0	Thunderstorm Winds
Numerous trees were blown down by high winds.									
TEXAS, Northeast									
Cherokee County 1 S Wells	01	0535CST			0	0	0	0	Thunderstorm Winds (G60)
Several trees were blown down.									
Angelina County 10 NW Lufkin	01	0555CST			0	0	0	0	Thunderstorm Winds (G60)
Power lines were blown down along Highway 69.									
TEXAS, Northeast Cont'd									
Nacogdoches County 3 W Chireno	01	0605CST			0	0	3K	0	Lightning
Lightning struck a barn which resulted in a fire near Littles Chapel Church.									
15 E Nacogdoches	01	0610CST			0	0	0	0	Thunderstorm Winds (G60)
Trees were reported blown down along county Highway 381.									
Shelby County 6 SE Center	01	0635CST			0	0	0	0	Thunderstorm Winds (G60)
Winds blew down several power lines along Highway 87.									
San Augustine 4 N San Augustine	01	0640CST			0	0	0	0	Thunderstorm Winds (G60)
Trees were blown down along Highway 147.									
Rusk County 2 N Mount Enterprise	01	2130CST			0	0	0	0	Hail (0.75)
Hail was reported along U.S. 259.									
Panola County Beckville	01	2157CST			0	0	0	0	Thunderstorm Winds
Reports of trees down across power lines.									
Carthage	01	2200CST			0	0	0	0	Thunderstorm Winds
Reports of trees down across power lines.									
Bowie County New Boston	10	2214CST			0	0	0	0	Thunderstorm Winds (G60)
Numerous reports of downed trees and winds blew a canopy off a clinic in New Boston.									
Hooks	10	2215CST			0	0	0	0	Hail (0.75)
Wright Patman Lake	10	2230CST			0	0	0	0	Hail (1.75)
Morris County Dangerfield	10	2230CST			0	0	0	0	Thunderstorm Winds
Winds blew down several trees.									
Upshur County	10	2230CST			0	0	0	0	Thunderstorm Winds (G60)
Winds blew down trees and power lines.									
Bowie County Texarkana	10	2235CST			0	0	0	0	Thunderstorm Winds (G60)
Winds blew down trees across power lines causing numerous power outages.									
Camp County Pittsburg	10	2245CST			0	0	0	0	Thunderstorm Winds (G60)
Trees and power lines were blown down.									
Titus County Mount Pleasant	10	2250CST			0	0	0	0	Thunderstorm Winds (G60)
Trees and power lines were blown down.									
Cherokee County Rusk	10	2300CST			0	0	0	0	Thunderstorm Winds (G60)
Winds blew down several trees and power lines in many locations throughout the city causing numerous power outages.									
Gregg County Kilgore	10	2300CST			0	0	0	0	Thunderstorm Winds (G60)
Winds blew down several trees and power lines all throughout the city causing numerous power outages.									
Rusk County Overton	10	2300CST			0	0	0	0	Thunderstorm Winds (G60)
Reports of power lines down.									
Nacogdoches County Nacogdoches	10	2355CST			0	0	0	0	Thunderstorm Winds
Winds blew down several trees.									
Nacogdoches	11	0000CST			0	0	0	0	Thunderstorm Winds (G70)

Storm Data and Unusual Weather Phenomena

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November 1995								
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property - Crops	Character of Storm
Angelina County Lufkin	11	0003CST			0	0	00	Thunderstorm Winds (G70)
	Cars were reported to have been blown off the roadway.							
Shelby County Center	11	0015CST			0	0	00	Thunderstorm Winds
	Trees and power lines were reported to have been blown down along with a stop sign which was bent backwards.							
Panola County Batesville	11	0030CST			0	0	00	Thunderstorm Winds (G60)
	Numerous trees and power lines downed.							
TEXAS, Northeast Cont'd								
San Augustine County 7 N San Augustine	11	0030CST			0	0	00	Thunderstorm Winds (G60)
	Six inch to one foot diameter trees blown down onto Highway 147.							
TEXAS, Southeast								
Newton County Farrsville	11	0145CST		0	0	0	00	Thunderstorm Winds
	Several trees were blown down.							
Orange County Orange	11	0230CST		0	0	10K	00	Thunderstorm Winds
	Trees were blown down on a parked van and car.							
TEXAS, Central Southeast								
Houston County Crockett	01	0500CST			0	0	10K0	Thunderstorm Winds
	Wind damage reported to a senior citizens home.							
Montgomery County	01	0615CST			0	0	5K00	Thunderstorm Winds
	Trees blown down in River Plantation Subdivision.							
Trinity County	01	2304CST			0	0	5K00	Hail (0.75)
Houston County	01	2305CST			0	0	50K0	Thunderstorm Winds
	A greenhouse and a barn were destroyed by strong winds between Canard and Lufkin.							
Colorado County Weimer	02	1503CST			0	0	5K00	Thunderstorm Winds (G55)
Harris County	02	1550CST- 1745CST			0	0	5K00	Flash Flood
	Widespread street flooding in Clear Lake and near Pearland.							
Austin County Wallis	02	1600CST			0	0	5K00	Hail (0.75)
Fort Bend County Simonton	02	1620CST			0	0	5K00	Thunderstorm Winds
	Sheriff reported trees blown down in Simonton.							
Galveston County	02	1650CST- 1745CST			0	0	5K00	Flash Flood
	Widespread street flooding in League City. Clear Creek had risen into a few yards.							
Brazoria County	02	1700CST- 1745CST			0	0	5K00	Flash Flood
	Widespread street flooding reported.							
Galveston County League City	02	1745CST- 2000CST			0	0	5K00	Flash Flood
	Clear Creek had risen into a few yards.							
Harris County Houston	02	1745CST- 2000CST			0	0	5K00	Flash Flood
	Street flooding in Clear Lake.							
Brazoria County	02	1748CST- 2000CST			0	0	5K00	Flash Flood
	Sheriff reports widespread street flooding.							
Wharton County Pierce	02	1935CST			0	0	5K00	Hail (1.00)
Fort Bend County	02	2020CST			0	0	20K0	Hail (1.75)
Brazoria County								
Manvel	02	2045CST			0	0	5K00	Hail (1.00)
Harris County	02	2130CST			0	0	20K0	Hail (1.75)
	Sheriff reported golf ball-size hail near Pearland.							
Walker County	02	2145CST			0	0	3K00	Thunderstorm Winds
	Spotter reported large tree limbs blown down.							
Brazoria County Pearland	02	2205CST			0	0	10K0	Hail (1.00)

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
Harris County									
Friendswood	02	2220CST			0	0	10K	0	Hail (1.00)
Houston	02	2226CST			0	0	5K	0	Hail (0.75)
Clear Lake City	02	2230CST			0	0	10K	0	Hail (1.00)
TEXAS, Central Southeast Cont'd									
Trinity County	02	2244CST			0	0	3K	0	Hail (0.75)
Polk County									
Onalaska	02	2255CST			0	0	3K	0	Hail (0.75)
TXZ-513	02	2305CST			0	0	0	0	Thunderstorm Winds (G45)
									Tugboat operator reported 45 knot winds.
Houston County	10	2320CST			0	0	3K	0	Thunderstorm Winds
									Sheriff reported large tree blown down on Highway 227.
Madison County									
Madisonville	10	2332CST			0	0	3K	0	Thunderstorm Winds
									Sheriff reported large tree limb blown down on West Cross Road.
Walker County	11	0010CST			0	0	10K	0	Thunderstorm Winds
									Sheriff reported power lines and large tree limbs blown down north of Huntsville.
Polk County									
Livingston	11	0030CST			0	0	5K	0	Thunderstorm Winds
									Sheriff reported trees blown down in Livingston.
Montgomery County									
Pinehurst	11	0043CST			0	0	10K	0	Thunderstorm Winds
									Sheriff reported trees, power lines blown down at FM 147 and FM 1774.
Harris County									
Houston	11	0145CST			0	0	15K	0	Thunderstorm Winds
									EMC reported numerous transformers blown down in Houston.
Chambers County	11	0147CST			0	0	30K	0	Thunderstorm Winds
									EMC reported trees blown down. One limb fell on a camper in a mobile home park causing major damage.
Harris County									
Houston	11	0200CST			0	0	5K	0	Thunderstorm Winds
									DPS reported trees down on 3300 block of Garth Road.
TEXAS, South Central Cont'd									
Hays County									
5 E. Henly	01	0020CST			0	0	0	0	Hail (1.75)
San Marcos	01	0023CST			0	0	0	0	Hail (1.75)
Travis County									
Austin	01	0100CST			0	0	0	0	Hail (0.75)
Newton County									
Farrsville	11	0145CST			0	0	0	0	Thunderstorm Winds
									Several trees blown down.
Orange County									
Orange	11	0230CST			0	0	10K	0	Thunderstorm Winds
									Trees blew down on a parked van and car.
TEXAS, West									
None reported									
UTAH									
UTZ-010-	09	1200MST-							
	10	1200MST			0	0	0	0	Heavy Snow
									Heavy snows associated with a cold frontal passage occurred in the Wasatch Mountains. Heavy snow criteria was met at all the Cottonwood Canyons skiareas. Storm totals included Alta 24 inches, Snowbird 20 inches, Brighton 23 inches, and Solitude 21 inches.
UTZ-010-	27	0000MST-							
	27	1000MST			0	0	0	0	Heavy Snow
UTZ-003-	27	0400MST-							
	27	1000MST			0	0	0	0	Heavy Snow
									Post cold frontal lake effect snows developed in the Wasatch Mountains and along a narrow stripe down the Salt Lake Valley. Mountain snow totals included Alta and Snowbird 25 inches, and Solitude 16 inches. Salt Lake Valley totals included Magna with five inches and South Jordan 10 inches.
VERMONT									
VTZ002-003-005>008-010>014	11	1100EST-			0	0	80K	0	High Wind
	12	1400EST							An intense low pressure system moved from southern Michigan to the Eastern Great Lakes on Saturday (November 11) then across northern New York Saturday night and into Canada by Sunday morning. The cold front associated with this system was preceded and accompanied by damaging winds. There were numerous reports of trees, limbs and power lines downed by the wind. Most of the damage occurred between 8PM on November 11th to 9AM on November 12th. In West Glover an equipment shed was destroyed by the wind in Orleans County. In Cambridge (Lamoille County) a wind gust of 70 knots was reported.
VERMONT Cont'd									

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
Northern Vermont	11	PM			0	0	0	Record Heat
	At 8PM EST the temperature at the Burlington NWS Office reached 66 degrees. This tied the old record high temperature set back in 1891.							
Windham County	12	0500EST- 0800EST			0	0	10K	Flood
	Heavy rains of three to four inches resulted in the Whetstone Creek overflowing its banks.							
VTZ004-007- 010>012	14	1200EST-			0	0	45K	Heavy Snow
	15	1700EST						
A winter storm formed along the North Carolina coast on the morning of the 14th. The storm tracked northward across central New York and into southern Canada by Wednesday night (November 15). The heaviest snow (around 6 inches) fell in the Green Mountains. Mount Holly in Rutland County received 6 inches. Power outages occurred across this area as falling trees and limbs downed power lines due to the heavy wet snow and gusty winds.								
VIRGINIA, Northern								
VAZ021	11	1100EST-						
High Terrain		1400EST			0	0	?	High Winds
VAZ028	11	1200EST-						
High Terrain		1600EST			0	0	?	High Winds
VAZ025	11	1200EST-						
High Terrain		1600EST			0	0	?	High Winds
VAZ026	11	1200EST-						
High Terrain		1600EST			0	0	?	High Winds
VAZ027	11	1200EST-						
High Terrain		1600EST			0	0	?	High Winds
VAZ029	11	1200EST-						
High Terrain		1600EST			0	0	?	High Winds
VAZ030	11	1200EST-						
High Terrain		1600EST			0	0	?	High Winds
VAZ036	11	1330EST-						
High Terrain		1600EST			0	0	?	High Winds (G57)
A sharp pressure gradient between a strong offshore anticyclone and a developing cyclone in the northern Ohio Valley produced very strong winds on the 11th. Sustained winds in excess of 4 mph, with gusts up to 66 mph, occurred at elevations above 2,500 feet in each county, and along the Skyline Drive (Warren/Page Counties) during the early afternoon of the 11th.								
VAZ025	11	1400EST-						
Countywide		1730EST			0	0	75K	High Winds
VAZ026	11	1400EST-						
Countywide		1730EST			0	0	50K	High Winds
VAZ027	11	1430EST-						
Countywide		1730EST			0	0	25K	High Winds
VAZ037	11	1530EST-						
East Portion		1730EST			0	0	50K	High Winds
VAZ038	11	1600EST-						
Countywide		1800EST			0	0	25K	High Winds
VAZ029	11	1600EST-						
Countywide		1730EST			0	0	100K	High Winds
VAZ028	11	1630EST-						
East Portion		1730EST			0	0	75K	High Winds
VAZ030	11	1630EST-						
Countywide		1730EST			0	0	25K	High Winds
VAZ039>040	11	1700EST-						
Countywide		1800EST			0	0	50K	High Winds
VAZ031	11	1730EST-						
Berryville		1830EST			0	0	25K	High Winds
VAZ042	11	1800EST-						
Countywide		1850EST			0	0	40K	High Winds (G71)
VAZ041	11	1800EST-						
Countywide		1915EST			0	0	40K	High Winds (G55)
VAZ051	11	1815EST-						
Countywide		1915EST			0	0	50K	High Winds
VAZ050	11	1800EST-						
Countywide		1900EST			0	0	500K	High Winds (G72)
VAZ052	11	1830EST-						
Countywide		1930EST			0	0	50K	High Winds
VAZ053	11	1850EST-						
Countywide		1940EST			0	0	125K	High Winds
VAZ056	11	1900EST-						
Countywide		1930EST			0	0	75K	High Winds
VAZ055	11	1900EST-						
Countywide		1930EST			0	0	55K	High Winds (G55)
VAZ057	11	1930EST-						
Countywide		2015EST			0	0	45K	High Winds
VIRGINIA, Northern Cont'd								
VAZ054	11	1940EST-						
		2010EST			0	0	75K	High Winds
The strong winds which earlier afflicted higher elevations of western Virginia were transported to the lower elevations through lines of showers during the afternoon of the 11th. The major blow was struck when an intense line of showers, with embedded thunderstorms, raced across western Virginia during the early evening. A contributing meteorological factor to the line's intensity was a 30 degree temperature contrast over a 50-mile-wide area. Damage was first noted in the Shenandoah Valley well ahead of the front. The eastern portions of Augusta and Rockingham Counties (VAZ025/026) were particularly hard-hit. In Lyndhurst, a roof was partially blown off a home, and two large limbs fell on automobiles. A large tree caused roof damage at a home in								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
<p>Dooms, and two mobile home were damaged, and one destroyed, in Spottswood. An 8x8 foot roof was also partially blown off a home in Timberville, and trees fell on a house and two vehicles in Bridgewater (both in Rockingham County). Several large trees were uprooted in northern Albemarle County (VAZ037), with some blocking highways, and others causing property damage to homes and vehicles. Elsewhere, trees and power lines were randomly damaged. Farther north, in Frederick County (VAZ028), damage was concentrated in the Mountain Falls/Shawneeland area. The highest recorded wind gusts ahead of the front in the Valley were no more than 60 mph. The front intensified as it encountered the relatively warm humid air mass over the Piedmont and Coastal Plain. Wind gusts in excess of 60 mph were common, with a peak reported gust of 82 mph at Bluemont (Loudoun Co). Power outages became more widespread as the system approached the Washington suburbs, and numerous trees were blown down. Utility companies reported 137,000 customers in northern and central Virginia lost electricity during the storm; over 50,000 were in the Virginia suburbs of Washington metropolitan region alone. A sampling of the utility statistics are as follows: In the Shenandoah Valley/Blue Ridge, the following numbers of customers lost power: 2,800 Potomac Edison; 5,500 Virginia Power; 2,000 Shenandoah Valley Electric Co-op. In suburban Washington, the following number of customers lost power: Fairfax County (VAZ053), 40,000; Loudoun County (VAZ042), 10,000; Prince William County (VAZ052), 15,000; Arlington (VAZ054), 12,000; Fauquier County (VAZ041), 5,000; Spotsylvania County (VAZ056), 8,000. Embedded within the linewere several microbursts which caused enhanced damage. The most significant microburst occurred in and around Montpelier in western Orange County (VAZ050) (1800 to 1805 EST), where at least 300 trees (many large) were destroyed, several buildings sustained damage (to chimneys, shingles, roofs, etc.), one sustained major damage, and two barns, an outbuilding, and a garage were destroyed. Winds were estimated to be between 75 and 100 mph. The damage appeared in three segments: two farms west of town, on the estate of James Madison, and just east of the estate.</p>							
Albemarle County East Portion	11	1630EST- 1700EST			0 0	0 0	Flash Flood
							Several roads were closed due to flash flooding, after rainfall of more than four inches fell mainly at higher elevations since earlier in the day. Heavy showers associated with a passing cold front triggered the minor flooding.
VAZ021	14	1030EST- 0100EST			0 0	? 0	Heavy Snow
VAZ025	14	1030EST- 2200EST			0 0	78K 0	Heavy Snow
VAZ026	14	1130EST- 2200EST			0 0	80K 0	Heavy Snow
VAZ027	14	1130EST- 2200EST			0 0	30K 0	Heavy Snow
VAZ029	14	1130EST- 2100EST			0 0	27K 0	Heavy Snow
VAZ028	14	1200EST- 2200EST			0 0	120K 0	Heavy Snow
VAZ030	14	1200EST- 2200EST			0 0	27K 0	Heavy Snow
VAZ031	14	1200EST- 2200EST			0 0	50K 0	Heavy Snow
VAZ042 West Portion	14	1430EST- 2200EST			0 0	? 0	Heavy Snow
VAZ041 North Half	14	1430EST- 2100EST			0 0	? 0	Heavy Snow
							The first nor'easter of the 1995/96 winter season intensified off North Carolina's Outer Banks. Circulation around the storm brought deep moisture into the entire Mid-Atlantic region. Over the western third of Virginia, the precipitation fell mainly in the form of snow. Snowfall varied greatly with elevation, a common occurrence with early-season coastal storms due to sharp temperature differences from sea level to the Allegheny Plateau.
							Lower elevations east of the Allegheny Plateau but west of the Blue Ridge received three to eight inches. Elevations above 1,500 feet received eight to 16 inches. Snowfall maxima occurred in western Loudoun County (VAZ042; 13 to 17 inches), and Clarke County (VAZ031; 14 to 16 inches).
							The heavy wet snow caused numerous utility problems, from downed trees and lines. Damage was estimated at \$375 thousand to trees down on lines and to the lines themselves. Nearly 14,000 customers were without power at the height of the storm. The number of downed trees was high due in part to the fact that many still were sporting full canopies of leaves. Since this was the first major winter storm of the season, traffic problems were plentiful. Along Interstate 66 in Warren Co, a rig jack-knifed causing minor injuries to the driver and temporarily closing the road. Federal Highway 50 was closed in Clarke County for similar reasons.
VAZ025	29	0200EST- 0400EST			0 0	0 0	Heavy Snow
VAZ026	29	0230EST- 0430EST			0 0	0 0	Heavy Snow
VAZ029	29	0300EST- 0430EST			0 0	0 0	Heavy Snow
VIRGINIA, Northern Cont'd							
VAZ027	29	0330EST- 0430EST			0 0	0 0	Heavy Snow
VAZ030	29	0400EST- 0500EST			0 0	0 0	Heavy Snow
VAZ028	29	0430EST- 0500EST			0 0	0 0	Heavy Snow
VAZ031	29	0430EST- 0530EST			0 0	0 0	Heavy Snow
VAZ041	29	0430EST- 0530EST			0 0	0 0	Heavy Snow
VAZ042 Western Half	29	0500EST- 0600EST			0 0	0 0	Heavy Snow
							A wave of weak low pressure, developing along a stationary front in central North Carolina, combined with an upper-level impulse west of the region to produce a burst of heavy wet snow from the central and northern Shenandoah Valley through the northern Virginia foothills adjacent to the Blue Ridge. Snowfall amounts ranged from four to five inches, with some elevations

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm
					Killed	Injured	Property		
above 1,500 feet receiving over six inches.									
VIRGINIA, Eastern									
Prince Edward County Prospect	11	1755EST			0	0	0	0	Thunderstorm Winds
			Several trees down along Route 460. Numerous trees down and some barn damage to a farm in Prospect.						
Prince Edward County ERN portion	11	1800EST- 1815EST			0	0	0	0	Thunderstorm Winds
			Trees down much of county; several power poles down as well. Heaviest concentration in the eastern portion of the county from Hampden-Sydney through Rice. Also, trees down and blocking roads at Twin Lakes State Park.						
Lunenburg County Fort Mitchell	11	1825EST			0	0	0	0	Thunderstorm Winds
			Several trees and power poles down.						
Mecklenburg County Chase City 7 N of Clarksville	11	1825EST			0	0	0	0	Thunderstorm Winds
			Power lines were downed.						
Mecklenburg County 2 N South Hill	11	1830EST			0	0	0	0	Thunderstorm Winds
			Numerous trees down and outbuilding destroyed.						
Cumberland County E of Cumberland	11	1830EST			0	0	0	0	Thunderstorm Winds
			Several trees down along Route 60 in the eastern part of Cumberland County.						
Powhatan County Extrm. WRN part	11	1830EST			0	0	0	0	Thunderstorm Winds
			Four trees down along Route 60 about eight miles west of Powhatan.						
Louisa County ERN portion	11	1840EST			0	0	0	0	Thunderstorm Winds
			Trees down blocking roads.						
Goochland County CNTRL/WRN parts	11	1845EST			0	0	0	0	Thunderstorm Winds
			Trees down across central and western parts of the county.						
Lunenburg County near Rehoboth	11	1845EST			0	0	0	0	Thunderstorm Winds
			Numerous trees down along Route 49. Four accidents reported as a result of trees down.						
Amelia County near Amelia	11	1845EST			0	0	0	0	Thunderstorm Winds
			Trees down several places in county. Some power outages.						
Nottoway County Nottoway Blackstone	11	1845EST			0	0	0	0	Thunderstorm Winds
			Trees and large limbs down throughout county.						
Mecklenburg County near Palmer Springs Baskerville	11	1855EST			0	0	0	0	Thunderstorm Winds
			Trees down across road. Trees down across power lines. Tree down near Kerr Dam.						
Dinwiddie County McKenney	11	1900EST			0	0	0	0	Thunderstorm Winds
			Trees were downed.						
VIRGINIA, Eastern Cont'd									
Brunswick County Lawrenceville Ebony to Bracey	11	1900EST			0	0	\$10K	0	Thunderstorm Winds
			Trees down along Route 58. Trees also down near Pinecrest Apartments and a local industrial park. Numerous trees down from Ebony to Bracey. Some minor structural damage to canopies, sheds, etc. Power out to much of area.						
Chesterfield County Chesterfield	11	1915EST			0	0	\$40K	0	Thunderstorm Winds
			Numerous trees down throughout city, and much of county.						
Henrico County Richmond	11	1915EST			0	0	0	0	Thunderstorm Winds
			Numerous trees down. Several traffic signals damaged. Power outages.						
Henrico County CNTRL part	11	1915EST			0	0	0	0	Thunderstorm Winds
			Several traffic signals blown down.						
Greensville County Emporia Area	11	1940EST- 1945EST			0	0	\$25K	0	Thunderstorm Winds
			Numerous trees down. Tree down on house east of Emporia. Other minor structural damage due to trees falling on homes.						

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
Hanover County Montpelier	11	1935EST			0	0	0	Thunderstorm Winds
			Barn destroyed and 20 to 30 trees down.					
Hanover County Near Ashland & Mechanicsville	11	1945EST			0	0	0	Thunderstorm Winds
			Power lines and trees down.					
Dinwiddie County Petersburg	11	1945EST			0	0	0	Thunderstorm Winds
			Large tree down blocking intersection of Flank Road and Fort Hays Road.					
Prince George County Prince George	11	1950EST			0	0	0	Thunderstorm Winds
			Trees and power lines in town of Prince George. Scattered trees down much of county.					
Prince George County Hopewell	11	1952EST			0	0	0	Thunderstorm Winds
			Power lines and several trees down.					
King William County West Point Courthouse	11	2000EST			0	0	0	Thunderstorm Winds
			Trees down across several county roads, as well as in West Point and the county courthouse area.					
New Kent County Taleysville	11	2015EST			0	0	0	Thunderstorm Winds
			Trees and power lines down throughout county.					
King and Queen County	11	2020EST			0	0	0	Thunderstorm Winds
			Trees and a few large limbs down across roads.					
Sussex	11	2015EST- 2030EST			0	0	0	Thunderstorm Winds
			Several trees down. Trees down on power lines with power outages.					
Surry County Surry	11	2020EST- 2030EST			0	0	0	Thunderstorm Winds
			Numerous trees and power lines down throughout county.					
Charles City County Adkins Store	11	2020EST			0	0	0	Thunderstorm Winds
			Trees were down. Power out in several parts of county.					
Southampton County Near Drewryville & Manry	11	2025EST			0	0	0	Thunderstorm Winds
			Numerous trees and power lines down.					
Essex County nr Tappahannock	11	2030EST			0	0	0	Thunderstorm Winds
			Numerous trees down in town as well as countywide.					
Southampton County Franklin	11	2030EST			0	0	0	Thunderstorm Winds
VIRGINIA, Eastern Cont'd								
			Large limbs down. Limbs on power lines caused power outages.					
James City County	11	2035EST			0	1	0	Thunderstorm Winds
			Numerous trees and power lines down across county. One person injured when tree fell on mobile home.					
James City County Williamsburg City	11	2040EST			0	0	0	Thunderstorm Winds (G59)
			Winds estimated at 70 mph downed trees and power lines. There were widespread power outages.					
Isle of Wight County Near Smithfield	11	2045EST			0	0	\$75K	Thunderstorm Winds
			Numerous trees and power lines down, also throughout county. Several barns damaged, one collapsed. Also, small grain silo and tractor-semitrailer overturned in the Orbit/Lake Butler area (eastern part of county). Twenty to 30 trees snapped off Occurred between SR 600 and SR 654.					
Westmoreland County	11	2045EST			0	0	0	Thunderstorm Winds
			Trees and large limbs down, some across county roads.					
Richmond County	11	2045EST			0	0	0	Thunderstorm Winds
			Trees and large limbs down.					
York County Yorktown	11	2050EST			0	0	0	Thunderstorm Winds
			Numerous trees and power lines down. Many power outages.					
Northumberland County Wicomico Church	11	2050EST			0	0	0	Thunderstorm Winds (G56)
			Several trees down. Winds estimated at 65 mph.					

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops	Character of Storm
Lancaster County 10 W Lancaster	11	2055EST			0	0	\$10K 0	Thunderstorm Winds Numerous trees down. Some building damage western part of county.
Northumberland County	11	2100EST			0	0	0 0	Thunderstorm Winds Scattered trees and power lines down.
Middlesex County Near Hartfield Urbanna	11	2100EST			0	2	\$50K 0	Thunderstorm Winds Near Hartfield, four mobile homes overturned and severely damaged and destroyed, five others damaged. Two minor injuries. Several trees down. Tree uprooted onto house in Urbanna.
Gloucester County Near Gloucester Point	11	2100EST			0	0	0 0	Thunderstorm Winds Trees and power lines down.
Hampton County Newport News, Newport News Airport	11	2103EST			0	0	0 0	Thunderstorm Winds (G60) Gust to 60 kt at Newport News/Williamsburg International Airport (PHF). Trees down, windows blown out in Newport News.
Suffolk County	11	2115EST			0	0	0 0	Thunderstorm Winds Scattered trees down.
Suffolk County Suffolk	11	2105EST- 2115EST	.8	100	0	1	\$100K 0	Tornado (F0-weak F1) Small tornado cut a narrow path across the western and northern sections of downtown Suffolk. 40 to 50 trees snapped of 10 to 20 feet above ground. Several cars crushed by falling debris. Roof damage to several structures in adjacent subdivisions. Tin roof peeled of warehouse in northeast section of Suffolk.
Chesapeake County Portsmouth	11	2113EST			0	0	0 0	Thunderstorm Winds Numerous large (eight-10 inch diameter) tree limbs down in West Craddock section of Portsmouth.
Virginia Beach Norfolk City, Norfolk Naval Air Station	11	2113EST			0	0	0 0	Thunderstorm Winds (G52) Gust to 52 kt at Norfolk Naval Air Station (NGU). Several trees down in Norfolk.
Hampton County Hampton, Langley Air Force Base	11	2115EST- 2120EST			0	0	0 0	Thunderstorm Winds (G61) Gust to 61 kt at Langley Air Force Base (LFI). Trees and power lines down in the city of Hampton.
VIRGINIA, Eastern Cont'd								
Mathews County Mathews	11	2120EST			0	0	0 0	Thunderstorm Winds Several trees were down. There were several power outages.
Chesapeake County Chesapeake	11	2115EST- 2130EST			0	0	0 0	Thunderstorm Winds Numerous trees and power lines down. Fence blown down and deck damaged.
Virginia Beach County Virginia Beach	11	2120EST- 2130EST			0	0	0 0	Thunderstorm Winds Numerous trees down. Few trees on homes. Trees down on roads and power lines. Numerous power lines down and power outages.
Northampton County	11	2140EST- 2155EST			0	0	0 0	Thunderstorm Winds Trees down in scattered areas throughout county. Trees were knocked down on power lines. Also there were several power outages.
Accomack County	11	2140EST- 2210EST			0	0	0 0	Thunderstorm Winds Numerous trees down across county. Power lines also down along with power outages.
Accomack County Parksley to Modest Farm	11	2150EST- 2200EST	2	100	0	0	\$200K 0	Tornado (F1) Small tornado severely damaged a church in Parksley and did considerable damage to a farm and associated equipment in the Modest Farm area.
VIRGINIA, Central Cont'd								
VAZ019- High Terrain	11	1100EST-						

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
VAZ020- High Terrain	11	1500EST- 1100EST- 1500EST			0	0	?	?	High Winds
VAZ018- High Terrain	11	1130EST- 1600EST			0	0	?	?	High Winds
VAZ024- High Terrain	11	1145EST- 1600EST			0	0	?	?	High Winds
VAZ022- High Terrain	11	1200EST- 1600EST			0	0	?	?	High Winds
VAZ023- High Terrain	11	1200EST- 1600EST			0	0	?	?	High Winds
VAZ035- High Terrain	11	1200EST- 1600EST			0	0	?	?	High Winds
VAZ007- High Terrain	11	1215EST- 1530EST			0	0	?	?	High Winds
VAZ009- High Terrain	11	1230EST- 1600EST			0	0	?	?	High Winds
VAZ010- High Terrain	11	1230EST- 1600EST			0	0	?	?	High Winds
VAZ011- High Terrain	11	1230EST- 1600EST			0	0	?	?	High Winds
VAZ012- High Terrain	11	1230EST- 1600EST			0	0	?	?	High Winds
VAZ013- High Terrain	11	1230EST- 1600EST			0	0	?	?	High Winds
VAZ014- High Terrain	11	1230EST- 1600EST			0	0	?	?	High Winds
VIRGINIA, Central Cont'd									
VAZ015- High Terrain	11	1300EST- 1600EST			0	0	?	?	High Winds
VAZ016- High Terrain	11	1330EST- 1630EST			0	0	?	?	High Winds
VAZ017- High Terrain	11	1330EST- 1630EST			0	0	?	?	High Winds
VAZ032- High Terrain	11	1330EST- 1630EST			0	0	?	?	High Winds
VAZ019- Countywide	11	1500EST- 1900EST			0	0	15K	?	High Winds
VAZ020- Countywide	11	1500EST- 1900EST			0	0	?	?	High Winds
VAZ007- Countywide	11	1530EST- 1900EST			0	0	?	?	High Winds
VAZ018- Countywide	11	1600EST- 1945EST			0	0	?	?	High Winds
VAZ022- Countywide	11	1600EST- 1930EST			0	0	5K	?	High Winds
VAZ023- Countywide	11	1600EST- 1930EST			0	0	?	?	High Winds
VAZ024- Countywide	11	1600EST- 1930EST			0	0	?	?	High Winds
VAZ035- Countywide	11	1600EST- 1930EST			0	0	?	?	High Winds
VAZ009- Countywide	11	1600EST- 1930EST			0	0	30K	?	High Winds

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
VAZ010- Countywide	11	1600EST- 1930EST			0	0	?	?	High Winds
VAZ011- Countywide	11	1600EST- 1930EST			0	0	?	?	High Winds
VAZ012- Countywide	11	1600EST- 1945EST			0	0	?	?	High Winds
VAZ013- Countywide	11	1600EST- 2000EST			0	0	?	?	High Winds
VAZ014- Countywide	11	1600EST- 2000EST			0	0	?	?	High Winds (51)
VAZ015- Countywide	11	1600EST- 2000EST			0	0	?	?	High Winds
VAZ016- Countywide	11	1615EST- 2000EST			0	0	8K	?	High Winds
VAZ017- Countywide	11	1615EST- 2000EST			0	0	?	?	High Winds
VAZ032- Countywide	11	1630EST- 2000EST			0	0	?	?	High Winds
VAZ033- Countywide	11	1630EST- 2000EST			0	0	5K	?	High Winds
VAZ034- Countywide	11	1630EST- 2000EST			0	0	?	?	High Winds
VIRGINIA, Central Cont'd									
VAZ043- Countywide	11	1630EST- 2000EST			0	0	?	?	High Winds
VAZ044- Countywide	11	1630EST- 2030EST			0	0	?	?	High Winds
VAZ045- Countywide	11	1630EST- 2030EST			0	0	?	?	High Winds
VAZ046- Countywide	11	1630EST- 2000EST			0	0	?	?	High Winds
VAZ047- Countywide	11	1630EST- 2000EST			0	0	?	?	High Winds
VAZ058 Countywide	11	1645EST- 2030EST			0	0	?	?	High Winds
VAZ059- Countywide	11	1645EST- 2030EST			0	0	?	?	High Winds
Henry County Ern Portion	11	1710EST- 1730EST			0	0	?	?	Thunderstorm Winds
Pittsylvania County Countywide	11	1725EST- 1745EST			0	0	6K	?	Thunderstorm Winds
Pittsylvania County Danville	11	1730EST			0	0	30K	?	Thunderstorm Winds
Halifax County Countywide	11	1750EST- 1820EST			0	0	?	?	Thunderstorm Winds
Charlotte County Countywide	11	1800EST- 1820EST			0	0	?	?	Thunderstorm Winds

Strong gradient winds developed across southwest Virginia during the late morning and early afternoon hours ahead of a strong cold front on the 11th. High winds were initially confined to the higher terrain in the mountains, but then spread down to the lower elevations in the mountains as well as east of the mountains. Wind speeds during the late afternoon and early evening hours were mainly from 30 to 45 mph with some gusts in excess of 60 mph. Thunderstorms developed along the front during the early evening hours in south-central Virginia and resulted in additional strong winds. High winds not associated with thunderstorms knocked down trees, power lines and power poles across the area. In Montgomery County, the wind gusted to 59 mph in Blacksburg around 1855 EST. In Smyth County, high winds tore a section of a roof off a factory in Chilhowie and blew the roof off a house and garage in Atkins. The high winds also knocked down numerous road signs in Franklin County and billboards in Roanoke County. In Alleghany County, a large tree fell on and damaged a house in Covington. In Carroll County, a tree fell on and damaged a school bus in Cana. Scattered power outages occurred across the area. Thunderstorm winds downed numerous trees across much of Pittsylvania, Charlotte and Halifax Counties and tore a 30-foot section of a roof off a business in Danville.

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
In Pittsylvania County, thunderstorm winds overturned a travel trailer and damaged a car in Ringgold. Thunderstorm wind downed trees and power lines in the eastern portion of Henry County.								
VAZ018- Countywide	13	0430EST- 0845EST			0	0	? ?	Snow
VAZ019- Countywide	13	0445EST- 0900EST			0	0	? ?	Snow
VAZ020- Countywide	13	0500EST- 0915EST			0	0	? ?	Snow
Snow occurred in portions of west-central Virginia during the early morning hours on the 13th. Snow accumulations were generally from one to two inches, with some isolated amounts near three inches in the higher terrain.								
VAZ007- Countywide	13 14	2030EST- 0430EST			0	0	? ?	Snow
VAZ009- Countywide	13 14	2100EST- 0430EST			0	0	? ?	Snow
VAZ015- Countywide	13 14	2100EST- 0500EST			0	0	? ?	Snow
VAZ010- Countywide	13 14	2130EST- 0500EST			0	0	? ?	Snow
VIRGINIA, Central Cont'd								
VAZ012- Countywide	13 14	2130EST- 0500EST			0	0	? ?	Snow
VAZ011- Countywide	13 14	2200EST- 0530EST			0	0	? ?	Snow
VAZ016- Countywide	13 14	2200EST- 0530EST			0	0	? ?	Snow
VAZ013- Countywide	13 14	2200EST- 0530EST			0	0	? ?	Snow
VAZ014- Countywide	13 14	2215EST- 0545EST			0	0	? ?	Snow
VAZ017- Countywide	13 14	2230EST- 0545EST			0	0	? ?	Snow
VAZ018- Countywide	13 14	2230EST- 0600EST			0	0	? ?	Snow
Snow developed across much of southwest Virginia during the late evening hours on the 13th and continued into the early morning hours on the 14th. Snow accumulations were generally from one to three inches with some isolated amounts between four and five inches. Hazardous travel conditions resulted in several traffic accidents.								
VAZ019- Countywide	13 14	2300EST- 0700EST			0	0	? ?	Heavy Snow
VAZ020- Countywide	13 14	2330EST- 0730EST			0	0	? ?	Heavy Snow
Heavy snow developed across Alleghany and Bath Counties in west-central Virginia during the late evening hours on the 13th and continued into the morning hours on the 14th. Snow accumulations were generally from four to six inches with some isolated amounts near seven inches. Hazardous travel conditions resulted in several traffic accidents.								
VIRGINIA, Southwestern								
None reported.								
VIRGINIA, Northwestern								
VAZ003-004	11	1300EST- 1600EST			0	0	5K 0	High Winds
Wind gusts of 50 to 60 mph caused tree damage and power outages.								
VAZ003-004	01- 30				0	0	0 0	Prolong Cold
The monthly average temperatures was five to six degrees colder than normal. It was the coldest November since 1976 at Clintwood.								
WASHINGTON								
WAZ008-007	06	2200PST			0	0	0 0	Heavy Snow
Snowfall ranging from six to 15 inches fell along areas of the east slopes of the cascades and north central Washington overnight.								

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property - Crops	
The heavy snow snapped power lines, trees and tree limbs causing power outages. There were also several minor car accidents.								
Western WA	08				1	0	? 0	Flood & Heavy Rain
Flooding occurred on the Skokomish, Snoqualmie, Tolt, Skykomish, Snohomish, Stillaguamish, Skagit and Nooksack rivers. Major floods occurred on the Skagit, Skykomish and Snohomish rivers. The Burlington Northern Railroad bridge over the Skagit river was damaged as that river was 11 feet over flood stage. A man drowned in the Snoqualmie river while hunting. Some heavier rainfall amounts for the 24 hour period were in Clallam County 3.21" and in Mason County 4.5". In the town of Brinnon in Jefferson County, 2.5" of rain fell in 12 hrs.								
WAZ001>005	17	1700PST			0	0	? 0	High Winds (G68)
Winds over Puget Sound were sustained 47 kt at Point No Point with winds gusting to 68 kt along the coast. An unofficial report from Bellingham, in Whatcom County, had a wind gust to 93 mph. The Hood Canal bridge was closed for a few hours and around Puget Sound nearly 60,000 people lost power.								
Western Wa & East Slopes Cascades	28- 29				0	0	10M 0	Flood & Heavy Rain
Flooding occurred on every major river in Western Washington. The Skagit River at Concrete set a new record of 41.6 ft, which was eight tenths of a foot over the previous record and at Mt Vernon it was within one tenth of a foot of the record. The Snohomish River at Monroe rested nearly 10 feet above flood stage. Other major floods were on the Snoqualmie River which was seven feet above flood stage and the Nooksack River which was six feet above flood stage. Most rivers crested								
WASHINGTON, Cont'd								
near or at record levels. Road closures included U.S. Highways 2 and 12 and even eastbound lanes of Interstate 90. If Snohomish County 2,000 students could not make it to school due to flooded roads. In the towns of Duvall and Carnation 15,000 people were stranded as the flooded rivers covered the few roads in and out of town. Nearly 1,500 homes or mobile homes sustained damage from the floods. A state of emergency was declared in 16 counties in the state. An estimated \$3 million dollars will need to be spent for road repair. For the month of November most areas had twice their normal average rainfall and many areas fell just short of setting records for the wettest November ever. In Whatcom County a spotter reported 3.4 inches of rain in 12 hrs. The Yakima and Naches rivers in eastern WA also flooded causing damage to 19 homes and road closures.								
WAZ004-005	29	1800PST			0	0	? 0	High Winds (G65)
U.S. Highway 101 was closed due to wind gusting to 75 mph and flooding.								
WEST VIRGINIA, Northern								
WVZ023 Preston County	11	1505EST			0	0	6K 0	High Winds
High winds ahead of a strong cold front downed a tree onto a house in Kingwood causing minor damage. Many power lines were also downed.								
WVZ023-041 Preston County	11	1530EST-			0	0	0 0	Heavy Snow
Tucker County	12	0330EST			0	0	0 0	
Heavy snow fell across the northern mountains of West Virginia behind a strong cold front that passed midday on the 11th. Snowfall totalled eight inches in Terra Alta, Preston County and eight inches in Canaan Valley and Thomas in Tucker County.								
WVZ003-004- 012-021>023-041 Marion, Marshall, Monongalia, Ohio, Preston, Tucker, Wetzel Counties	14 15	0900EST- 0900EST			0	0	8K 0	Heavy Snow
An early and major winter storm developed over the Carolinas on the 14th and moved north, spreading heavy snow into Northern West Virginia. The storm continued north into southern New York on the 15th and the snow tapered to flurries by mid-morning on the 15th. Near Wheeling, Ohio County, the snow was greatly depended on elevation. Only the higher hilltops received about six inches of snow, while the only trace amounts were reported down in the river valley. Snowfall totalled up to six inches in Ohio, Marshall, Wetzel, Marion, and Monongalia Counties. In the mountainous counties of Preston and Tucker, the totals were much higher. Preston County reported 18 to 27 inches, with the highest amount being reported at Terra Alta. Tucker County received between 10 and 16 inches. Numerous limbs and some power lines were downed under the weight of the heavy, wet snow.								
WVZ023-041 Preston County Tucker County	29	0000EST- 1000EST			0	0	0 0	Heavy Snow
A storm system over North Carolina moved off the Virginia coast by late morning. The storm quickly dumped heavy snow across the northern mountains of West Virginia. Seven to eight inches fell in Preston County. In Tucker County, the amounts varied from four inches in lower elevations to eight inches in higher terrain.								
WEST VIRGINIA, Eastern								
WVZ049 High Terrain	11	1000EST- 1300EST			0	0	? 0	High Winds
WVZ048 High Terrain	11	1000EST- 1300EST			0	0	? 0	High Winds
WVZ054 High Terrain	11	1000EST- 1300EST			0	0	? 0	High Winds
WVZ050 High Terrain	11	1100EST- 1300EST			0	0	? 0	High Winds
WVZ055 High Terrain	11	1100EST- 1300EST			0	0	? 0	High Winds

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

A sharp pressure gradient between a strong offshore anticyclone and a developing cyclone in the northern Ohio Valley produced very strong winds on the 11th. Sustained winds in excess of 4 mph, with gusts up to 66 mph, occurred at elevations above 2,500 feet in the western sections of the above counties in the West Virginia Potomac Highlands during the early afternoon of the 11th.

WVZ048
N Portion

11 1900EST-1930EST 0 0 0 0 Heavy Snow

WVZ049
W Portion

11 1900EST-1930EST 0 0 0 0 Heavy Snow

The cold front which produced damaging wind gusts earlier in the day brought sharply colder temperatures to eastern West Virginia by 0900 on the 11th. Rain changed to snow shortly after frontal passage, with snow accumulating around four inches at middle elevations in the Potomac Highlands. Greater amounts likely accumulated over the highest elevations.

WEST VIRGINIA, Eastern Cont'd

WVZ048	14	0830EST-						
	15	0400EST-	0	0	8K	0		Heavy Snow
WVZ049	14	0900EST-						
	15	0200EST-	0	0	8K	0		Heavy Snow
WVZ054	14	1130EST-						
	15	0200EST-	0	0	?	0		Heavy Snow
WVZ050	14	1130EST-						
		2200EST-	0	0	8K	0		Heavy Snow
WVZ055	14	1130EST-						
		2200EST-	0	0	8K	0		Heavy Snow
WVZ051	14	1130EST-						
		2300EST-	0	0	36K	0		Heavy Snow
WVZ052	14	1130EST-						
		2200EST-	0	0	36K	0		Heavy Snow
WVZ053	14	1130EST-						
		2200EST-	0	0	36K	0		Heavy Snow

The first nor'easter of the 1995/96 winter season intensified off North Carolina's Outer Banks. Circulation around the storm brought deep moisture into the entire Mid-Atlantic region. In eastern West Virginia, the precipitation fell mainly in the form of snow. Snowfall varied greatly with elevation, a common occurrence with early-season coastal storms due to sharp temperature differences from sea level to the Allegheny Plateau.

Very heavy snow fell along the highest ridges of the Allegheny Plateau. Snowfall amounts ranged from 12 to 24 inches, with the maximum reported at Keyser's Ridge (Mineral County) with 24 inches. Higher elevations of Grant County, Hardy County, Hampshire County, and even isolated locations farther east in Jefferson County received between 11 and 17 inches. Lower elevations in the Potomac Highlands received six to 10 inches, while locations in the eastern panhandle received anywhere from one to six inches.

Potomac Edison reported dozens of trees down on lines due to the weight of the wet snow. Total utility-related damage across eastern West Virginia was estimated at \$140 thousand, with around 7,000 customers without power at the height of the storm.

WVZ049	29	0030EST-						
		0200EST-	0	0	0	0		Heavy Snow
WVZ050	29	0030EST-						
		0200EST-	0	0	0	0		Heavy Snow
WVZ048	29	0130EST-						
		0230EST-	0	0	0	0		Heavy Snow
WVZ055	29	0130EST-						
		0230EST-	0	0	0	0		Heavy Snow
WVZ053	29	0430EST-						
E half		0500EST-	0	0	0	0		Heavy Snow

A wave of weak low pressure, developing along a stationary front in central North Carolina, combined with an upper-level impulse west of the region to produce a burst of heavy wet snow over Jefferson County. Earlier that morning, another band of moderate to heavy snow fell farther west, over portions of the Potomac Highlands. Snowfall ranged from four inches at several lower-elevation locations, to eight inches at the highest peaks, including Keyser's Ridge (Mineral County).

WEST VIRGINIA, Southeastern

WVZ045- High Terrain	11	1100EST- 1730EST	0	0	?	?		High Winds
WVZ042- High Terrain	11	1200EST- 1530EST	0	0	?	?		High Winds
WVZ043- High Terrain	11	1200EST- 1530EST	0	0	?	?		High Winds
WVZ044- High Terrain	11	1200EST- 1530EST	0	0	?	?		High Winds
WVZ042- Countywide	11	1530EST- 1900EST	0	0	?	?		High Winds (48)
WVZ043- Countywide	11	1530EST- 1900EST	0	0	?	?		High Winds
WVZ044- Countywide	11	1530EST- 1900EST	0	0	?	?		High Winds

Strong gradient winds developed across southeast West Virginia during the late morning and afternoon hours ahead of a strong cold front on the 11th. High winds were initially confined to the higher terrain, but then spread down to the lower elevations. Wind speeds during the late afternoon and early evening hours were mainly from 30 to 40 mph with some gusts in excess of 60

Storm Data and Unusual Weather Phenomena

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

mph. High winds not associated with thunderstorms downed numerous trees in Monroe, Mercer, Summers and Greenbrier Counties. High winds with wind gusts up to 55 mph closed the Mercer County Airport for most of the afternoon and early evening hours.

WEST VIRGINIA, Southeastern Cont'd

WVZ042- Countywide	13 14	2130EST- 0515EST			0	0	?	?	Snow
WVZ043- Countywide	13 14	2145EST- 0545EST			0	0	?	?	Snow
WVZ044- Countywide	13 14	2200EST- 0600EST			0	0	?	?	Snow

Snow developed across southeast West Virginia during the late evening hours on the 13th and continued into the early morning hours on the 14th. Snow accumulations were generally from two to three inches.

WVZ045- Countywide	13 14	2230EST- 0700EST			0	0	?	?	Heavy Snow
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Heavy snow developed across Greenbrier County West Virginia during the late evening hours on the 13th and continued into the early morning hours on the 14th. Snow accumulations were generally from four to six inches with some isolated amounts near seven inches.

WEST VIRGINIA, Western

WVZ014-015- 026-027-028- 033-034-035- 036-037-038- 039-047	11	1200EST- 1600EST			0	1	40K	0	High Winds
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Brief wind gusts of 55 to 60 mph occurred in favored locations in the wake of a strong cold front. A gust to 60 mph was measured in Heaters of Braxton County at 1423 EST. A roof was ripped off a trailer in the English area of McDowell County, injuring a woman inside. Fallen trees caused slight damage to a home in Buckhannon and another residence in Beckley. Shingles were blown off homes in Webster and Nicholas Counties. Numerous power outages were reported.

The same front caused temperatures to drop from the 60s to the low 30s in less than three hours. Rain changed to snow. In Poca, an unprepared high school football team forfeited its state playoff game at halftime. Some of its players were suffering from early signs of hypothermia.

WVZ028-029- 030-031-032- 036-037-038- 039-040-046- 047	14 15	0400EST- 0500EST			0	0	0	0	Heavy Snow
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A four to eight inch snowfall occurred across the lower elevations with six to 8 inches above 1500 feet. Snow cover at dawn on the 15th was 13 inches at Summersville, eight inches at Philippi, and seven inches at Buckhannon. Wet snow caused power outages in the Grafton vicinity of Taylor County.

WVZ013-015- 032-039-040	28 29	2100EST- 0200EST			0	0	0	0	Heavy Snow
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A narrow band of four to eight inches of snow was deposited in some western slope counties. Grafton had eight inches on the ground, Charleston had six inches.

WVZ005-006- 007-008-009- 010-011-013-014-015- 016-017-018-019- 020-024-025-026-027- 028-029-030-031- 032-033-034-035-036- 037-038-039-040- 046-047	01- 30		0	0	0	0			Prolong Cold and Snow
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The month will be remembered for its early start to the winter of 95-96. Many outdoor projects were affected by the cold and snow. The monthly average temperature was five to seven degrees colder than normal. It was the second coldest November at Beckley and Charleston. In the mountainous counties, two to three feet of snow fell during the month. It was the second snowiest November for both Elkins and Charleston.

WISCONSIN, Northwest

WIZ004- Iron County	11	0500CST- 1400CST			0	0	0		Heavy Snow
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Lake effect snow squalls dumped an average of eight inches of snow over Iron County of northwest Wisconsin. There were patchy areas of 10 inch snow amounts.

Storm Data and Unusual Weather Phenomena

November 1995

November 1995							
Location	Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
WISCONSIN, Northwest Cont'd							
WIZ004-Iron County	21	0200CST-0700CST			00	00	Heavy Snow
	Up to 15 inches of lake effect snow fell in the Hurley area overnight.						
WIZ001-006-NW WI	25	2200CST-0330CST			00	00	Heavy Snow
	Six to eight inches of snow fell over extremenorthwest Wisconsin, or from the eastern third of Douglas County into extreme northwest Washburn County.						
WISCONSIN, Southeast							
WIZ066-Southeast Wisconsin	07	2300CST			10	00	Cold
	A homeless Milwaukee man died from hypothermia as temperatures dropped to around the freezing mark. WIZ066 (Milwaukee County): M61OU.						
WIZ059-064-065-070-Southeast Wisconsin	10-11	2100CST-0300CST			00	?0	Heavy Snow
	A strong upper level trough and slow moving arctic front combined to produce a small area of six to almost eight inches of heavy wet snow midway between Milwaukee and Madison. This storm deposited the first significant snowfall of the season to southeast Wisconsin. The greatest total snowfall was 7.7 inches at the National Weather Service Forecast Office near Sullivan (Jefferson County). Other accumulations include 65 inches at Palmyra (Jefferson County), six inches at Juneau (Dodge County) and Oconomowoc (Waukesha County), and 5.7 inches at Fort Atkinson(Jefferson County). Since motorists were not accustomed to driving on icy roads, dozens of vehicle accidents were reported. As a result 47 indirectly related auto injuries and an indirectly related auto death were documented. Area hospitals treated numeroushand cuts and other injuries related to snow blowers. The heavy wet snow dragged down some power lines that left up to 10,000 electrical customers without power.						
WIZ022-Northeast Wisconsin	14-15	0900CST-0400CST			00	?0	Lake-Effect Snow
	A cold northeast wind flow across northern Lake Michigan brought significant lake-effect snow to the northernhalf of Door County. Up to six inches of snow fell in Sister Bay, with at least four inches reported at Baileys Harbor and Washington Island. Snowfall amounts varied considerably from location to location during this 19 hour event.						
WIZ005-Northcentral Wisconsin	23-23	0000CST-1100CST			00	?0	Heavy Snow
	Arctic air flowing across Lake Superior brought heavy Lake-effect snow to the far northwest portion of Vilas County. Accumulations of six to eight inches were measured at Presque Isle, with two to three inches reported across the southeast part of the county.						
WIZ013-021-022-029>071-Central and Southern Wisconsin	26-27	2000CST-2000CST			01	?0	Heavy Snow
	A major winter storm lashed out at the southern twothirds of Wisconsin with thundersnow, heavy snow of six to 14 inches, sleet, freezing rain, strong gusty winds, and near-blizzard whiteout conditions. At the height of the storm during the afternoon of the 27th, thundersnow, in the triangular area bounded by cities of Green Bay, Madison, and Milwaukee, deposited snow at the rate of at least two inches per hour. These snowbursts resulted in accumulations of 6.5 inches at Oshkosh in a three hour period. Three inches fell at New Holstein (Calumet County) in only one hour. Meanwhile, northeast winds were gusting to 40 to 50 mph over the southeast quarter of Wisconsin. These conditions only lasted two to three hours, but were enough to cripple the late afternoon commute home for tens of thousands of motorists. The "gridlock" inMilwaukee was the worst in 40 years as what normally would have been a 30 minute ride turned into a three to four hour nightmare. Numerous school systems and colleges were closed or let classes out early. Based on newspaper reports, there were over 1,000 vehicle accidents due to the snow clogged roads and extremely poor visibilities. There werenumerosus indirectly related injuries as a result of the vehicle accidents; with many people treated at local hospitals. Scattered power outages were reported over the southeast half of the state thanks to the heavy wet snow and gusty winds. Ameritech noted a 200% increase in the number of cellular telephone calls in th Milwaukee metro area during the "gridlock." The medical community reported three indirectly related deaths after peopl shoveled the heavy snow, and one case of frostbite. Peak wind speeds were measured at 52 mph in St. Peter and 45 mph in the city of Fond du Lac, both in Fond du Lac County. The Milwaukee Airport also clocked 45 mph gusts out of the north/northeast. The area stretching from southwest to east-central Wisconsin, along with the area between Madison and Milwaukee, had the greatest snow accumulations. Specific totals included 14 inches at Two Rivers (Manitowoc County); 13 inches at Oshkosh ((Winnebago County); 12 inches at Chilton (Calumte County) and Manitowoc (Manitowoc County); 11 inches at Lone Rock (Richland County), Juneau (Dodge County), Sullivan and Palmyra (Jefferson County), and Wauwatosa (Milwaukee County); 10.1 inches at Green Bay (Brown County); 10 inches at Richland Center (Richland County); 9.7 inches at the Milwaukee Airport (Milwaukee County); eight inches at Altoona (Eau Claire County); seven inches at Mondovi (Buffalo County); and 6.8 inches at Wausau (Marathon County). Preceding the snow over southern Wisconsin there was a two to six hour period of sleet and/or freezing rain which glazed road surfaces. Sleet accumulations ranged from one-quarter to one inch, with Shorewood (Milwaukee County) reporting one inch of sleet before it changed to snow in the mid-morning hours on the 27th. The Milwaukee Airport was closed 12 to 16 hours as plows couldn't keep up with the swirling and drifting snow. Hundreds of flights were canceled or delayed. This winter storm was not a true blizzard based on the National Weather Service criteria of sustained winds or frequent gusts to 35 mph or more for three hours or more, along with frequent visibilities below one-quarter mile. These conditions were met for only two to two and one-half hours during the afternoon hours on the 27th. Nonetheless, this was a dangerous storm which was anticipated by forecasters 2 days in advance. The path of the responsible low pressure was from northern Missouri to northern Indiana to southern Ontario, Canada.						
WISCONSIN, Southeast Cont'd							

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
WIZ023>028 West Central	26 27	2000CST- 1000CST			0	0	?	?	Heavy Snow
	Five to eight inch snowfall over west central Wisconsin. Altoona reported eight inches while Eau Claire received seven inches.								
WYOMING									
WYZ002-003-011-014-050>053-061>066 In and Near Most Mountains	01 01	0000MST- 1500MST			0	0	0	0	Heavy Snow
	Snow fell over most of Wyoming, with areas in and near the mountains receiving significant snowfall. Most of these areas had between six and ten inches of snow, with the largest amount being eleven inches at Story (Sheridan County). Due to the snow, Highway 70 between Baggs and Encampment (Carbon County) was closed during the afternoon.								
WYZ061>067 South Central and Southeast	04 05	2030MST- 0900MST			0	0	0	0	High Winds (G54)
	Winds were sustained between 40 and 50 mph from central Carbon County to just east of the Laramie Range. Wind gusts during that time in that area were from 58 to 62 mph. The strongest recorded gust was 62 mph at Arlington at 0300.								
WYZ001>004-006-007 Northwest	05 06	1700MST- 0600MST			0	0	0	0	Heavy Snow
	Snow fell over much of northwest Wyoming during that time, with the greatest amounts being seven inches at Jackson and six inches at Cody.								
WYZ003-006-019 West Central Mountains	07 07	0800MST- 1500MST			0	0	0	0	Heavy Snow
	Six inches of snow fell at Togwotee Pass (Teton County).								
WYZ061>067 South Central and Southeast	08 09	0100MST- 1300MST			0	0	0	0	High Winds (G61)
	Strong sustained winds of 35 to 50 MPH occurred from central Carbon County to just east of the Laramie Range. Wind frequently gusted between 50 and 60 mph, with the highest reported gust being 70 mph, ten miles south of Wheatland at 0809.								
WY002>004 Northwest Chinook	08 08	0900MST- 2300MST			0	0	0	0	High Winds (G61)
	Sustained winds were from 35 to 50 mph in and near the Absaroka Range, east of the divide. Wind gusts were frequent recorded between 55 mph and 65 mph in the area, with the highest gust being 70 mph at 2220, sixteen miles southwest of Cody.								
WYZ014-015-061>067-069 Central and Southeast	11 11	0800MST- 2315MST			0	0	0	0	High Winds (G55)
	Sustained winds were from 35 to 50 mph from Casper and Jeffrey City south and east to just east of the Laramie Range. Sustained winds of 60 mph occurred around 1100 at Buford (Albany County). Most wind gusts were from 55 to 63 mph, with the highest gust being 63 mph at Buford at 2415.								
WYZ002-004 Northwest Chinook	11 11	0600MST- 1500MST			0	0	0	0	High Winds (G56)
	Sustained winds were from 35 to 50 mph at and to the west of Cody. Wind gusts were from 55 to 65 mph, with the strongest gust of 65 mph occurring at Cody at 1100.								
WYZ061>067 South Central and Southeast	24 24	0530MST- 1500MST			0	0	0	0	High Winds (G78)
	Sustained winds were from 40 to 50 mph from central Carbon County to just east of the Laramie Range. Between 0930 and 1030, Buford (Albany County) had sustained winds of around 70 mph. Wind gusts were commonly between 55 and 65 mph over that area, with the strongest gust recorded being 90 mph at Buford at 0958.								
WYOMING Cont'd									
WYZ015-059-061>067 Central and Southeast	25 25	0900MST- 1500MST			0	0	0	0	High Winds (G57)
	Winds were sustained between 40 and 45 mph from Casper and to areas south. The wind gusts in those areas were from 55 to 65 mph, with the highest gust being 66 mph, ten miles south of Wheatland at 2437.								
WYZ002-004 Northwest Chinook	25 25	0800MST- 1400MST			0	0	0	0	High Winds (G55)
	Winds were sustained between 40 and 50 mph west of Cody. Wind Gusts were between 55 and 63 mph, with the strongest gust of 63 mph occurring at 1345, sixteen miles southwest of Cody.								
Northern									

Storm Data and Unusual Weather Phenomena

November 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Mountains	26	0100MST-							
	26	1400MST			0	0	0	0	Heavy Snow
	Eight to ten inches of snow fell over much of the northern mountains. The largest amount of ten inches was recorded at Teton Pass (Teton County).								
WYZ002>004-008-011-012-014-023-050>053 Central	26	1400MST-							
	27	0700MST			0	0	0	0	Heavy Snow
	Heavy snow fell from just east of the northern mountains through areas just east of the Wind River Range to around the Green Mountains and into parts of south central Wyoming. Within that area, six to fourteen inches of snow fell. The greatest amounts were fourteen inches at Red Canyon (Fremont County) and ten inches at Lander.								
WYZ061>067 South Central and Southeast	28	0500MST-							
	28	1500MST			0	0	0	0	High Winds (G56)
	Sustained winds were from 40 to 45 mph from central Carbon County to just east of the Laramie Range. Wind gusts were from 50 to 60 mph, with the highest gust being 64 mph at Arlington (Carbon County) at 0645.								
WYZ001-006-007-016-017-019 Far West	28	0100MST-							
	28	1500MST			0	0	0	0	Winter Storm
	Heavy snow and strong winds were common over the mountains west of the Continental Divide, as well as Jackson Hole and the Star Valley. Snowfall amounts were from eight to twenty-four inches, with the largest amounts being up to two feet in the mountains around Jackson, fourteen inches at Grand Targhee ski area (Teton County) and twelve inches at both Jackson and Afton. Westerly winds were quite strong, with gusts to 70 mph noted at the top of the Jackson Hole ski area at 0930.								
WYZ061>070 South Central and Southeast	29	0800MST-							
	29	1200MST			0	0	0	0	High Winds (G63)
	Winds were sustained at 40 to 45 mph from central Carbon County to near the Nebraska border. Wind gusts were from 50 to 65 mph, with the strongest gust being 73 mph, thirty miles northwest of Cheyenne.								
WYZ014-015-023-025-061>067 Central and Southeast	29	2000MST-							
	30	1600MST			0	0	0	0	High Winds (G68)
	Sustained winds were sustained from 45 to 55 mph from Casper and Jeffrey City to the south and southeast. Wind gusts were frequently from 60 to 70 mph, with the highest gust being 78 mph at 2155, ten miles south of Wheatland.								
WYZ002-004 Northwest Chinook	29	2100MST-							
	30	1200MST			0	0	0	0	High Winds (G52)
	Winds were sustained from 40 to 45 mph along the east slopes of the Absaroka Range. Wind gusts were from 50 to 60 mph, with the highest gust being 60 mph at 2144, sixteen miles southwest of Cody.								
ALASKA, Northern									
AKZ005-Point Hope Village	16	1400AST-							
	17	0300AST			0	0	0	0	High Winds
	Strong high pressure in Russia Far East and a Low Pressure Center developing in the Gulf of Alaska resulted in a strong pressure gradient over this area for this period of time.								
AKZ001	29	0100AST-							
		0500AST			0	0	0	0	Blizzard
	A cold front sweeping east across the North Slope brought blizzard conditions for a few hours to the Prudhoe Bay area. Near blizzard conditions in visibilities were experienced at Barrow and Kaktovik, with Barrow receiving winds speeds meeting blizzard criteria and Kaktovik getting winds near 40 mph for several hours.								
ALASKA, Southern									
Central Gulf Coast Kodiak Island	01-								
	03				0	0	?	?	High Winds
	Pressure gradients between a strengthening high between Northway and Dawson, Canada and a weakening low in the eastern Gulf of Alaska caused moderate to strong outflow northerly winds from the mainland into the Gulf of Alaska. On Friday (12/1) wind gusts reached 64 mph at Kodiak, 62 mph at Sitkinak (island just southwest of Kodiak Island), 61 mph at Seward, 52 mph at Seal Island (in Prince William Sound) and 60 mph at Middleton Island. On Saturday (12/2), wind gusts reached 48 mph at Iliamna, 62 mph at Valdez (city), 74 mph at Valdez (airport) and 44 mph at Elmendorf Air Force Base. On Sunday (12/3) Whittier reported gusts of 52 mph.								
Central Gulf Coast	04-								
	05				0	0	?	?	High Winds
	A small low moved east-southeast from the northeast Bering Sea early Sunday, into the Gulf of Alaska then to 120 miles south of Cape Yakataga at 0900 Monday (12/4). The low continued east southeast into Southeast Alaska, making landfall between Cape Spencer and Sitka Tuesday morning (12/5). Strong high pressure developed over the Upper Tanana Valley as the low progressed through the Gulf of Alaska, reaching 1053mbs between Dawson, Canada and Northway. Winds reached 74 mph at Valdez (airport) and 44 mph at Seal Island on Monday (12/4). On Tuesday, winds reached 58 mph at the Valdez city site, 44 mph at the remote Seal Island site, 63 mph at Middleton Island and 52 mph at Whittier.								
Aleutians									

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm	
					Killed	Injured	Property	Crops	
Ak Peninsula	06-09				0	0	?	?	High Winds
Persistent moderate to strong lows in the north central Pacific combined with cold, strong high pressure in the eastern mainland to produce strong easterly winds. Gusts reached close to 40 mph at both Adak and Shemya on Wednesday (12/6). On Thursday (12/7), gusts reached 66 mph at Dutch Harbor and 69 mph at Cold Bay. On Friday (12/8) gusts reached 52 mph at Port Heiden, while gusts up to 40 mph gusts were reported at Sand Point on both Friday and Saturday (12/9).									
Central Gulf Coast Kodiak Island	09-11				0	0	?	?	High Winds
Strong high pressure drifted eastward into the Yukon Territories of Canada, while moderate to strong low pressure center developed south of Kodiak Island and the Alaska Peninsula in the north central Pacific. Wind gusts reached 45 mph at Middleton Island on Sunday and Monday (12/10-11). At Sitkinak, wind gusts reached 75 mph on Saturday and a 58 mph gust was recorded in Kodiak on Monday. On Saturday, wind gusts reached 45 mph at Spruce Cape on Kodiak Island.									
Aleutians Alaska Peninsula Bristol Bay Yk.-Kuskokwim Delta	14-17				0	0	?	?	High Winds
A very strong low (946 mbs) in the north-central Pacific moved to about 300 miles south of Adak on Thursday (12/14) with a moderate to strong weather front arcing up through Amchitka to just south of Dutch Harbor then southeast and south into the central Pacific. The low then began a slow but steady northward drift weakening to 967 mbs about 200 miles north of Amchitka in the south central Bering Sea late Saturday (12/17). The front continued to elongate eastward through the Gulf of Alaska before dissipating Saturday evening. Winds reached 43 mph at Adak, 59 mph at Cold Bay, 41 mph at Dutch Harbor, 45 mph at Port Heiden, 53 mph at Cape Newenham, 47 mph at Saint Mary's (on the Yukon Delta), 48 mph at Cape Romanzof.									
Alaska Peninsula	17				0	0	?	?	High Winds
A moderate weather front associated with a 963 mb low 300 miles south of Cold Bay, crossed the Alaska Peninsula and produced wind gusts of 69 mph at Port Heiden.									
Central Gulf Coast	22-23				0	0	?	?	High Winds
A moderate weather front moved northward through the Gulf of Alaska, making landfall along the central North Gulf Coast Saturday. Winds reached 61 mph at Middleton Island, 48 mph at Cordova and 58 mph at Seal Island.									
Central Gulf Coast	25				0	0	?	?	High Winds
Another weather front moved northward through the Gulf of Alaska Monday, onshore Monday night. Winds reached 47 mph at Seal Island and 48 mph at Middleton Island.									
Aleutians Ak Peninsula Kodiak Island Cntrl N Glf Coast	26-30				0	0	?	?	High Winds
A strong low (estimated central pressure 948 mbs) in the north central Pacific Tuesday remained nearly stationary for several days. The low reorganized into two centers Thursday (12/28), one near Adak and the other about 300 miles north of Amchitka. The low near Adak moved northeast, dissipating near Saint Paul Island late Friday, while the second center drifted in counterclockwise arc back toward its initial position 300 miles north of Amchitka Saturday (12/30) where it slowly weakened and curved north. A moderate weather front from the low east and southeast continued to elongate north and eastward, extending from the Alaska Peninsula into the Gulf of Alaska Thursday morning. The front began to weaken near the Alaska Peninsula, while continuing to swing north through the Gulf of Alaska, finally making landfall Friday (12/29) morning. On Wednesday winds reached 55 mph at Dutch Harbor, 41 mph at Saint Paul Island, 40 mph at Port Heiden, 44 mph at King Salmon, 55 mph at Sitkinak Island, 44 mph at Seal Island in Prince William Sound and 48 mph at Cold Bay. On Thursday, winds reached 55 mph at Cape Newenham and 46 mph at Kodiak. On Friday winds gusts to 44 mph at Shemya, however ship reports within 60 miles of the island reached sustained values of 63 mph.									
ALASKA, Southern Cont'd									
Eastern Aleutians	31				0	0	?	?	High Winds
A strong weather front moved into the central Aleutians Sunday. Winds reached 40 mph at Dutch Harbor Sunday.									
ALASKA, Southeastern									
No report received.									
HAWAII									
Kauai HIZ001	03	1200HST-2000HST			0	0	500K	185K	Flash Flood
Two lines of thunderstorms converging over Kauai from the south and southwest brought heavy rains to most of the island during the late morning and afternoon hours. These lines were linked to a large low pressure center about 900 miles northwest of Kauai. The north and east sides of the island recorded the heaviest rainfall. Lihue reported 9.75 inches between 0200 and 0800. Anahola received 8.08 inches, Hanalei 7.25 inches, Kapahi 6.98 inches, and Wailua 5.96 inches in a six hour period. Flooding occurred in Hanalei and Kapaa, and landslides blocked roads in Wailua, Nawiliwili, and Lumahai Beach. Fifteen homes were flooded in Hanalei and 10 families were evacuated from Anahola. Businesses in communities on the east side also suffered damage from high water. Waterlines were broken and many roads were washed out. Low ceilings and visibilities, and strong and erratic winds cancelled 17 flights between Lihue and Honolulu, stranding hundreds of travelers. The south and west sides of the island received three to four inches of rain.									
Kauai HIZ001	03	1730HST			0	0	15K	?	Thunderstorm Winds (G80)
Thunderstorm winds tore off part of the roof of the Nawiliwili Small Boat Harbor office. Trees and powerlines were blown down over parts of south and east Kauai.									
Kauai HIZ001	03	1245HST			0	1	0	0	Lightning
An 11-year-old male from Wailua was hospitalized with numbness to his hands after holding on to a metal door during lightning strike.									

Storm Data and Unusual Weather Phenomena

November 1995

November 1995									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
Kauai HIZ001	03	1530HST			0	1	0	0	Lightning
A 49-year-old male was hospitalized with numbness to his left arm after touching his truck door during a lightning strike.									
Oahu HIZ002	03	1750HST			0	0	?	?	Urban and Small Stream Flood
Three to four inches of rain in a two hour period produced minor flooding of roads throughout central parts of the island. Pondering water on the H-1 Freeway reduced five westbound lanes to one, causing a huge backup of traffic in the vicinity of the Honolulu International Airport.									
Kauai HIZ001	09	1400HST			0	0	200K	?	Flash Flood
Moist unstable air drawn northward over the island, with a low pressure area centered northwest of Kauai, fueled heavy showers and thunderstorms. Heavy rains hit many areas still recovering from the flash floods of November 3rd. The north and east sections were hardest hit. 24 hour rainfall totals included: Hanalei - 11.53 inches, Kapahi - 6.19 inches, and Anahola - 4.4 inches. Anahola residents were evacuated from low-lying areas. The Waioli River overflowed, flooding part of Hanalei. High water closed the Hanalei bridge for 17 hours. Electricity to much of the Kapahi area was knocked out when a transformer burned. A landslide estimated to be 60-feet high blocked the Kuhio Highway at the Kalihiwai Bridge.									
Maui HIZ003	16	1930HST			0	0	?	?	Flash Flood
Isolated thunderstorms and heavy showers produced flooding along the Hana Road from Keanae to Haiku. Although neighboring rain gauges recorded little rainfall, reports of heavy rain and flooding from Maui County Police corroborated an earlier signature of heavy rain with high reflectivity over the area from the Molokai WSR-88D.									
HIZALL	23-24		0		2	?	?		High Surf
A storm low 1,200 miles north of the Hawaiian Islands stalled for several days and pushed large swell into the north and west coasts of the islands. High surf in the range of 15 to 25 feet closed many beach parks and coastal roads, with debris deposited on many roads. Dozens of people were rescued from the surf. Two people sustained minor injuries on Oahu. One male suffered a dislocated shoulder while surfing at Makaha. One female was swept into the water by a breaking wave at Sharks Cove and was hospitalized for cuts.									
Kauai HIZ001	25	1530HST			0	0	?	?	Flash Flood
Converging southeast and south low-level wind flow formed a line of showers and thunderstorms focused on the island. Flooding prompted the evacuation of low-lying areas of Anahola on the east side of the island. Mud slides were reported by spotters and police near Haiku Road. Heavy rains also occurred over the interior of the island, where Kokee received 0.55 inches in 5 minutes. The Kahana Road was closed due to heavy runoff.									
PACIFIC									
American Samoa	07-11		0		0	?	?		Urban and Small Stream Flood
Over seven inches of rain fell over parts of American Samoa. The daily rain totals at WSO Pago Pago were as follows: November 7th - 1.95 inches, November 9th - 1.30 inches, and November 11th - 3.76 inches. No significant flooding was reported.									
PUERTO RICO									
San Juan	06	0225AST			0	0	12K	0	Flash Floods
A small stream overflowed its banks flooding six houses in Villa Fema, Los Frailes sector, Road 20, km 4.8 in Guaynabo.									
Arecibo	09	2230AST			0	0	0	0	Flash Floods
Many roads were reported impassable, people were rescued from their cars due to fast rising waters.									
Corozal	09	PM			0	0	.1M	0	Flash Floods
Thunderstorms developed over the north-central interior slopes dumping 6.70 inches of rain at the Corozal and Negros									
PUERTO RICO Cont'd									
substations between 1700 AST and 2100 AST. One non-official raingauge recorded 13.50 inches of rain. Civil Defense reported numerous mudslides in and around Corozal. River Rio Negros and Dos Bocas overflowed their banks and flooded the town of Corozal. Barriada Aldea Vasquez was reported underwater. River Rio Palmarejo and Rio Cibuco also overflowed their banks. Two houses were reported flooded. The town of Corozal was cut off and roads 803, 568, 159 and 618 were closed. Most of the damage was related to public works and infrastructure.									
Naranjito	09	2230AST			0	0	0	0	Landslide
Heavy rains caused a landslide at Barrio Higuillales, Road 152, intersection 810, km 3.3.									
Penuelas	16	PM			0	0	0	0	Landslide
Heavy rains caused a landslide at the El Prado sector, Barrio Santo Domingo, Road 132.									
VIRGIN ISLANDS									
St. Croix	13	1342AST			0	0	0	0	Waterspout
A pilot reported a waterspout five to six miles northwest of St. Croix.									
St. Thomas	14	1740AST			0	0	0	0	Waterspout
A pilot reported a waterspout 10 to 12 miles south of St. Thomas moving west.									
St. Thomas	16	1600AST			0	0	0	0	Funnel Cloud
The Air Traffic control tower reported at funnel cloud eight miles south of St. Thomas.									